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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPLUS documents for use in third-party analysis and
visualization tools
NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/CAPLUS - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
spectral property data
NEWS 13 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 14 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 16 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005
NEWS 18 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 19 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2

NEWS EXPRESS DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:02:56 ON 03 JAN 2006

=> file pctfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006
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FILE LAST UPDATED: 3 JAN 2006 <20060103/UP>
MOST RECENT UPDATE WEEK: 200552 <200552/EW>
FILE COVERS 1978 TO DATE

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http://www.stn-international.de/stndatabases/details/ipc_reform.html <

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8399 ESTERAS?

66677 CLEAV?

L1 1335 ESTERAS? (S) CLEAV?

=> s l1 (S) link?

285938 LINK?

L2 435 L1 (S) LINK?

=> s CD22

L3 912 CD22

=> s (CPT () 11) or (SN () 38)

2581 CPT

82 CPTS

2616 CPT

(CPT OR CPTS)

772052 11

406 CPT (W) 11

38418 SN

819 SNS

38850 SN

(SN OR SNS)

409598 38

261 SN (W) 38

L4 588 (CPT (W) 11) OR (SN (W) 38)

=> s 14 and 13

L5 34 L4 AND L3

=> s 15 and 12

L6 8 L5 AND L2

=> s 16 not py>2002
347751 PY>2002
L7 1 L6 NOT PY>2002

=> d ibib 1

L7 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1999066951 PCTFULL ED 20020515
TITLE (ENGLISH): USE OF BI-SPECIFIC ANTIBODIES FOR PRE-TARGETING
DIAGNOSIS AND THERAPY
TITLE (FRENCH): UTILISATION D'ANTICORPS BI-SPECIFIQUES POUR DIAGNOSTIC
ET THERAPIE DE PRE-CIBLAGE
INVENTOR(S): HANSEN, Hans, J.;
GRIFFITHS, Gary, L.;
LEUNG, Shui-on;
MCBRIDE, William, J.;
QU, Zhengxing
PATENT ASSIGNEE(S): IMMUNOMEDICS, INC.;
HANSEN, Hans, J.;
GRIFFITHS, Gary, L.;
LEUNG, Shui-on;
MCBRIDE, William, J.;
QU, Zhengxing
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9966951	A2	19991229

DESIGNATED STATES

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

APPLICATION INFO.: WO 1999-US13879 A 19990622
PRIORITY INFO.: US 1998-60/090,142 19980622
US 1998-60/104,156 19981014

=> d 16 ibib 1-4

L6 ANSWER 1 OF 8 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 2005086612 PCTFULL ED 20050927 EW 200538
TITLE (ENGLISH): FLUORINATED CARBOHYDRATE CONJUGATES
TITLE (FRENCH): CONJUGUES GLUCIDIQUES FLUORES
INVENTOR(S): MCBRIDE, William J., 116 Glover Street, Boonton, NJ
07005, US [US, US];
GOLDENBERG, David M., 1 Charolais Farm Road, Mendham,
NJ 07945, US [US, US]
PATENT ASSIGNEE(S): IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
NJ 07950, US [US, US], for all designates States except
US;
MCBRIDE, William J., 116 Glover Street, Boonton, NJ
07005, US [US, US], for US only;
GOLDENBERG, David M., 1 Charolais Farm Road, Mendham,
NJ 07945, US [US, US], for US only
AGENT: BOOTH, Paul, M., \$, Heller Ehrman White & McAuliffe LLP,
Suite 300, 1666 K Street, NW, Washington, DC
20006-1228\$, US

LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005086612	A2	20050922

DESIGNATED STATES

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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW

RW (ARIPO):

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2004-US24237 A 20040729

PRIORITY INFO.:

US 2003-60/490,884 20030729

L6 ANSWER 2 OF 8

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN
2005077071 PCTFULL ED 20050829 EW 200534

TITLE (ENGLISH):

THERAPEUTIC AND DIAGNOSTIC CONJUGATES FOR USE WITH
MULTISPECIFIC ANTIBODIES

TITLE (FRENCH):

CONJUGUES THERAPEUTIQUES ET DIAGNOSTIQUES UTILISABLES
AVEC DES ANTICORPS MULTISPECIFIQUES

INVENTOR(S):

MCBRIDE, William J., 116 Glover Street, Boonton, NJ
07005, US [US, US];
GOLDENBERG, David, M., 1 Charolais Farm Road, Mendham,
NJ 07945, US [US, US];
NOREN, Carl, 70 Hickory Way, Mt. Arlington, NJ
07856-1357, US [US, US];
HANSEN, Hans, J., 6014 Angler Drive, Picayune, MS
39466, US [US, US]

PATENT ASSIGNEE(S):

IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
NJ 07950, US [US, US], for all designates States except
US;
MCBRIDE, William J., 116 Glover Street, Boonton, NJ
07005, US [US, US], for US only;
GOLDENBERG, David, M., 1 Charolais Farm Road, Mendham,
NJ 07945, US [US, US], for US only;
NOREN, Carl, 70 Hickory Way, Mt. Arlington, NJ
07856-1357, US [US, US], for US only;
HANSEN, Hans, J., 6014 Angler Drive, Picayune, MS
39466, US [US, US], for US only

AGENT:

BOOTH, Paul, M.\$, Heller Ehrman White & McAuliffe LLP,
Suite 300, 1666 K Street, NW, Washington, DC
20006-1228\$, US

LANGUAGE OF FILING:

English

LANGUAGE OF PUBL.:

English

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005077071	A2	20050825

DESIGNATED STATES

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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
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RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ

RW (ARIPO): VC VN YU ZA ZM ZW
 RW (EAPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
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 LT LU MC NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 APPLICATION INFO.: WO 2005-US4177 A 20050211
 PRIORITY INFO.: US 2004-10/776,470 20040211

L6 ANSWER 3 OF 8 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 2005021494 PCTFULL ED 20050315 EW 200510
 TITLE (ENGLISH): D-AMINO ACID PEPTIDES
 TITLE (FRENCH): PEPTIDES D'ACIDES AMINES D
 INVENTOR(S): MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US];
 GOLDENBERG, David, M., 1 Charolais Farm Road, Mendham,
 NJ 07945, US [US, US]
 PATENT ASSIGNEE(S): IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
 NJ 07950, US [US, US], for all designates States except
 US;
 MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US], for US only;
 GOLDENBERG, David, M., 1 Charolais Farm Road, Mendham,
 NJ 07945, US [US, US], for US only
 AGENT: BOOTH, Paul, M.\$, Heller Ehrman White, & McAuliffe LLP,
 Suite 300, 1666 K Street, NW, Washington, DC
 20006-1228\$, US
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005021494	A2	20050310

DESIGNATED STATES

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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
 CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
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RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
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 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 APPLICATION INFO.: WO 2004-US18646 A 20040614
 PRIORITY INFO.: US 2003-60/478,403 20030613

L6 ANSWER 4 OF 8 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 2005004809 PCTFULL ED 20050125 EW 200503
 TITLE (ENGLISH): MULTIVALENT CARRIERS OF BI-SPECIFIC ANTIBODIES
 TITLE (FRENCH): PORTEUSES POLYVALENTES D'ANTICORPS BISPECIFIQUES
 INVENTOR(S): HANSEN, Hans, J., 6014 Angler Drive, Picayune, MS
 39466, US [US, US];
 MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US];
 QU, Zhengxing, 15 Sycamore Way, Warren, NJ 07059, US
 [US, US]
 PATENT ASSIGNEE(S): IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
 NJ 07950, US [US, US], for all designates States except
 US;
 HANSEN, Hans, J., 6014 Angler Drive, Picayune, MS

39466, US [US, US], for US only;
 MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US], for US only;
 QU, Zhengxing, 15 Sycamore Way, Warren, NJ 07059, US
 [US, US], for US only
 AGENT: BOOTH, Paul, M.\$, Heller Ehrman White & McAuliffe LLP,
 Suite 300, 1666 K Street, NW, Washington, DC
 20006-1228\$, US
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005004809	A2	20050120

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
 CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
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RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
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RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2004-US20995 A 20040701

PRIORITY INFO.:

US 2003-60/483,832 20030701

=> d 16 ibib 5-8

L6 ANSWER 5 OF 8

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN
 2004054622 PCTFULL ED 20040707 EW 200427

TITLE (ENGLISH):

IMMUNOCONJUGATES WITH AN INTRACELLULARLY-CLEAVABLE
 LINKAGE

TITLE (FRENCH):

IMMUNOCONJUGUES COMPRENANT UNE LIAISON INTRACELLULAIRE
 CLIVABLE

INVENTOR(S):

GOVINDAN, V., Serengulam, 106 Passaic Avenue, Summit,
 NJ 07901, US [US, US]

PATENT ASSIGNEE(S):

IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
 NJ 07950, US [US, US], for all designates States except
 US;

McCALL, John, Douglas, 25 Haddon Drive, Pensby, Wirral
 CH61 8TF, GB [GB, GB], for BB MG only;

GOVINDAN, V., Serengulam, 106 Passaic Avenue, Summit,
 NJ 07901, US [US, US], for US only

AGENT:

W.P. THOMPSON & CO.\$, Coopers Building, Church Street,
 Liverpool L1 3AB\$, GB

LANGUAGE OF FILING:

English

LANGUAGE OF PUBL.:

English

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2004054622	A1	20040701

DESIGNATED STATES

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 MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
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VN YU ZA ZM ZW
 RW (ARIPO): BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
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 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
 MC NL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 APPLICATION INFO.: WO 2003-GB5454 A 20031215
 PRIORITY INFO.: US 2002-60/433,017 20021213

L6 ANSWER 6 OF 8 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 2003097105 PCTFULL ED 20031202 EW 200348
 TITLE (ENGLISH): DRUG PRE-TARGETING BY MEANS OF BI-SPECIFIC ANTIBODIES
 AND HAPTEN CONSTRUCTS COMPRISING A CARRIER PEPTIDE AND
 THE ACTIVE AGENT (S)
 TITLE (FRENCH): PRE-CIBLAGE DE MEDICAMENTS AU MOYEN D'ANTICORPS
 BI-SPECIFIQUES ET CONSTRUCTIONS HAPTENIQUES A BASE DE
 PEPTIDE VECTEUR ET DES PRINCIPES ACTIFS
 INVENTOR(S): GOLDENBERG, David, M., 330 Pleasant Valley Road,
 Mendham, NJ 07945, US [US, US];
 HANSEN, Hans, 6014 Angler Drive, Picayune, MS 39466, US
 [US, US];
 LEUNG, Shui-on, 10C, University Residence No. 16-
 The Chinese University of Hong Kong, Shatin, N.T.
 07059, Hong Kong, CN [US, CN];
 MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US];
 QU, Zhengxing, 15 Sycamore Way, Warren, NJ 07059, US
 [US, US]
 PATENT ASSIGNEE(S): IMMUNOMEDICS, INC., 300 American Road, Morris Plains,
 NJ 07950, US [US, US], for all designates States except
 US;
 McCall, John, Douglas, 25 Haddon Drive, Pensby Wirral
 CH61 8TF, GB [GB, GB], for BB MG only;
 GOLDENBERG, David, M., 330 Pleasant Valley Road,
 Mendham, NJ 07945, US [US, US], for US only;
 HANSEN, Hans, 6014 Angler Drive, Picayune, MS 39466, US
 [US, US], for US only;
 LEUNG, Shui-on, 10C, University Residence No. 16-
 The Chinese University of Hong Kong, Shatin, N.T.
 07059, Hong Kong, CN [US, CN], for US only;
 MCBRIDE, William, J., 116 Glover Street, Boonton, NJ
 07005, US [US, US], for US only;
 QU, Zhengxing, 15 Sycamore Way, Warren, NJ 07059, US
 [US, US], for US only
 AGENT: W.P. THOMPSON & CO.\$, Coopers Building, Church Street,
 Liverpool L1 3AB\$, GB
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2003097105	A1	20031127

DESIGNATED STATES
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 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

	MC NL PT RO SE SI SK TR
RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.:	WO 2003-GB2110 A 20030516
PRIORITY INFO.:	US 2002-10/150,654 20020517

L6	ANSWER 7 OF 8	PCTFULL	COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:		2003011342	PCTFULL ED 20030228 EW 200307
TITLE (ENGLISH):		POLYMERIC DELIVERY SYSTEMS	
TITLE (FRENCH):		SYSTEMES D'ADMINISTRATION DE POLYMERES	
INVENTOR(S):		GRIFFITHS, Gary, L., 36 Edgehill Avenue, Morristown, NJ 07960, US	
PATENT ASSIGNEE(S):		IMMUNOMEDICS, INC., 300 American Road, Morris Plains, NJ 07950, US [US, US];	
		MCCALL, John, Douglas, 25 Haddon Drive, Pensby, Wirral CH61 8TF, GB [GB, GB], for BB MG only	
AGENT:		W.P. THOMPSON & CO.\$, Coopers Building, Church Street, Liverpool L1 3AB\$, GB	
LANGUAGE OF FILING:		English	
LANGUAGE OF PUBL.:		English	
DOCUMENT TYPE:		Patent	
PATENT INFORMATION:			

	NUMBER	KIND	DATE
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	WO 2003011342	A2	20030213

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	WO 2002-GB3494 A 20020731
	US 2001-60/308,605 20010731

L6	ANSWER 8 OF 8	PCTFULL	COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:		1999066951	PCTFULL ED 20020515
TITLE (ENGLISH):		USE OF BI-SPECIFIC ANTIBODIES FOR PRE-TARGETING DIAGNOSIS AND THERAPY	
TITLE (FRENCH):		UTILISATION D'ANTICORPS BI-SPECIFIQUES POUR DIAGNOSTIC ET THERAPIE DE PRE-CIBLAGE	
INVENTOR(S):		HANSEN, Hans, J.;	
		GRIFFITHS, Gary, L.;	
		LEUNG, Shui-on;	
		MCBRIDE, William, J.;	
		QU, Zhengxing	
PATENT ASSIGNEE(S):		IMMUNOMEDICS, INC.;	
		HANSEN, Hans, J.;	
		GRIFFITHS, Gary, L.;	
		LEUNG, Shui-on;	
		MCBRIDE, William, J.;	
		QU, Zhengxing	
LANGUAGE OF PUBL.:		English	
DOCUMENT TYPE:		Patent	
PATENT INFORMATION:			

	NUMBER	KIND	DATE
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	WO 9966951	A2	19991229

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 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-US13879 A 19990622
 PRIORITY INFO.: US 1998-60/090,142 19980622
 US 1998-60/104,156 19981014

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FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006

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 L2 435 S L1 (S) LINK?
 L3 912 S CD22
 L4 588 S (CPT () 11) OR (SN () 38)
 L5 34 S L4 AND L3
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 L8 20 L2 AND L3

=> s 18 not py>2002
 347751 PY>2002
 L9 6 L8 NOT PY>2002

=> s 19 not py>2001
 451737 PY>2001
 L10 2 L9 NOT PY>2001

=> d ibib 1-9

L10 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1999066951 PCTFULL ED 20020515
 TITLE (ENGLISH): USE OF BI-SPECIFIC ANTIBODIES FOR PRE-TARGETING
 DIAGNOSIS AND THERAPY
 TITLE (FRENCH): UTILISATION D'ANTICORPS BI-SPECIFIQUES POUR DIAGNOSTIC
 ET THERAPIE DE PRE-CIBLAGE
 INVENTOR(S): HANSEN, Hans, J.;
 GRIFFITHS, Gary, L.;
 LEUNG, Shui-on;
 MCBRIDE, William, J.;
 QU, Zhengxing
 PATENT ASSIGNEE(S): IMMUNOMEDICS, INC.;
 HANSEN, Hans, J.;
 GRIFFITHS, Gary, L.;
 LEUNG, Shui-on;
 MCBRIDE, William, J.;
 QU, Zhengxing
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9966951	A2	19991229

DESIGNATED STATES
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-US13879 A 19990622
 PRIORITY INFO.: US 1998-60/090,142 19980622
 US 1998-60/104,156 19981014

L10 ANSWER 2 OF 2 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1999055310 PCTFULL ED 20020515
 TITLE (ENGLISH): STABILIZED PROTEIN CRYSTALS, FORMULATIONS CONTAINING
 THEM AND METHODS OF MAKING THEM
 TITLE (FRENCH): CRISTAUX DE PROTEINES STABILISEES, FORMULATIONS
 RENFERMANT LESDITS CRISTAUX ET LEURS PROCEDES DE
 FABRICATION

INVENTOR(S): MARGOLIN, Alexey, L.;
 KHALAF, Nazer, K.;
 ST. CLAIR, Nancy, L.;
 RAKESTRAW, Scott, L.;
 SHENOY, Bhami, C.

PATENT ASSIGNEE(S): ALTUS BIOLOGICS INC.;
 MARGOLIN, Alexey, L.;
 KHALAF, Nazer, K.;
 ST. CLAIR, Nancy, L.;
 RAKESTRAW, Scott, L.;
 SHENOY, Bhami, C.

LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9955310	A1	19991104

DESIGNATED STATES
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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-US9099 A 19990427
 PRIORITY INFO.: US 1998-60/083,148 19980427
 US 1998-09/224,475 19981231

=> d his

(FILE 'HOME' ENTERED AT 12:02:56 ON 03 JAN 2006)

FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006

L1 1335 S ESTERAS? (S) CLEAV?
 L2 435 S L1 (S) LINK?
 L3 912 S CD22
 L4 588 S (CPT () 11) OR (SN () 38)
 L5 34 S L4 AND L3
 L6 8 S L5 AND L2
 L7 1 S L6 NOT PY>2002
 L8 20 S L2 AND L3
 L9 6 S L8 NOT PY>2002

L10

2 S L9 NOT PY>2001

=> dl9 ibib 1-4

DL9 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l9 ibib 1-4

L9 ANSWER 1 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 2002088172 PCTFULL ED 20021115 EW 200245
TITLE (ENGLISH): PENTAPEPTIDE COMPOUNDS AND USES RELATED THERETO
TITLE (FRENCH): COMPOSES PENTAPEPTIDIQUES ET LEURS UTILISATIONS
INVENTOR(S): DORONINA, Svetlana, 12001 Woodinville Drive, T301,
Bothell, WA 98011, US [RU, US];
SENER, Peter, D., 9000 40th Avenue N.E., Seattle, WA
98115, US [US, US];
TOKI, Brian, E., 16720 6th Avenue West, C-204,
Lynnwood, WA 98037, US [US, US]
PATENT ASSIGNEE(S): SEATTLE GENETICS, INC., 21823 30th Drive, S.E.,
Bothell, WA 98021, US [US, US], for all designates
States except US;
DORONINA, Svetlana, 12001 Woodinville Drive, T301,
Bothell, WA 98011, US [RU, US], for US only;
SENER, Peter, D., 9000 40th Avenue N.E., Seattle, WA
98115, US [US, US], for US only;
TOKI, Brian, E., 16720 6th Avenue West, C-204,
Lynnwood, WA 98037, US [US, US], for US only
AGENT: ANTLER, Adriane, M.\$, Pennie & Edmonds LLP, 1155 Avenue
of the Americas, New York, NY 10036\$, US
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002088172	A2	20021107

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2002-US13435 A 20020430
PRIORITY INFO.: US 2001-09/845,786 20010430
US 2001-10/001,191 20011101

L9 ANSWER 2 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 2002076428 PCTFULL ED 20021011 EW 200240
TITLE (ENGLISH): LIPOSOME COMPOSITION FOR IMPROVED INTRACELLULAR
DELIVERY OF A THERAPEUTIC AGENT
TITLE (FRENCH): COMPOSITION DE LIPOSOME POUR UNE MEILLEURE
ADMINISTRATION INTRACELLULAIRE D'UN AGENT THERAPEUTIQUE
INVENTOR(S): ZALIPSKY, Samuel, 1202 Truman Street, Redwood City, CA
94061, US;
ALLEN, Theresa, M., University of Alberta, Department
of Pharmacology, 931 Medical Sciences Building,

Edmonton, Alberta T6G 2H7, CA;
 HUANG, Shi, Kun, 18798 Madison Avenue, Castro Valley,
 CA 94546, US
 PATENT ASSIGNEE(S): ALZA CORPORATION, 1900 Charleston Road, Building M10-3,
 P.O. Box 7210, Mountain View, CA 94030-7210, US [US,
 US]
 AGENT: SIMBOLI, Paul, B.\$, ALZA Corporation, 1900 Charleston
 Road, M10-3, P.O. Box 7210, Mountain View, CA 94039\$,
 US
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002076428	A1	20021003
DESIGNATED STATES			
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW		
RW (ARIPO):	GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW		
RW (EAPO):	AM AZ BY KG KZ MD RU TJ TM		
RW (EPO):	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR		
RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2002-US9330	A	20020326
PRIORITY INFO.:	US 2001-60/278,869		20010326

L9 ANSWER 3 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN
 2002070742 PCTFULL ED 20020926 EW 200237
 ACCESSION NUMBER: METHOD FOR THE DEVELOPMENT OF GENE PANELS FOR
 TITLE (ENGLISH): DIAGNOSTIC AND THERAPEUTIC PURPOSES BASED ON THE
 EXPRESSION AND METHYLATOIN STATUS OF THE GENES
 TITLE (FRENCH): PROCEDE DE MISE AU POINT DE GROUPE D'ECHANTILLONS DE
 GENES A DES FINS DE DIAGNOSTIC ET DE THERAPIE QUI SONT
 BASES SUR L'EXPRESSION ET L'ETAT DE METHYLATION DES
 GENES
 INVENTOR(S): OLEK, Alexander, Schroederstrasse 13/2, 10115 Berlin,
 DE;
 PATENT ASSIGNEE(S): BERLIN, Kurt, Marienkaeferweg 4, 14532 Stahndorf, DE
 EPIGENOMICS AG, Kastanienalle 24, 10435 Berlin, DE [DE,
 DE]
 AGENT: SCHOHE, Stefan\$, Boehmert & Boehmert, Pettenkoferstr.
 20-22, 80336 Muenchen\$, DE
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002070742	A1	20020912
DESIGNATED STATES			
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW		
RW (ARIPO):	GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW		
RW (EAPO):	AM AZ BY KG KZ MD RU TJ TM		
RW (EPO):	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR		

RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.:	WO 2002-EP2255 A 20020301
PRIORITY INFO.:	US 2001-60/272,549 20010301

L9 ANSWER 4 OF 6	PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:	2002070741 PCTFULL ED 20020926 EW 200237
TITLE (ENGLISH):	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING THE BIOLOGICAL EFFECT AND/OR ACTIVITY OF DRUGS, CHEMICAL SUBSTANCES AND/OR PHARMACEUTICAL COMPOSITIONS BASED ON THEIR EFFECT ON THE METHYLATION STATUS OF THE DNA
TITLE (FRENCH):	PROCEDES, SYSTEMES ET PRODUITS PROGRAMMES INFORMATIQUES PERMETTANT DE DETERMINER L'EFFET BIOLOGIQUE ET/OU L'ACTIVITE DE MEDICAMENTS, DE SUBSTANCES CHIMIQUES ET/OU DE COMPOSITIONS PHARMACEUTIQUES, SUR LA BASE DE LEUR EFFET SUR L'ETAT DE METHYLATION DE L'ADN
INVENTOR(S):	OLEK, Alexander, Schroederstrasse 13/2, 10115 Berlin, DE;
PATENT ASSIGNEE(S):	BERLIN, Kurt, Marienkaeferweg 4, 14532 Stahnsdorf, DE EPIGENOMICS AG, Kastanienallee 24, 10435 Berlin, DE [DE, DE]
AGENT:	SCHOHE, Stefan\$, Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 Muenchen\$, DE
LANGUAGE OF FILING:	English
LANGUAGE OF PUBL.:	English
DOCUMENT TYPE:	Patent
PATENT INFORMATION:	

	NUMBER	KIND	DATE
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	WO 2002070741	A2	20020912

DESIGNATED STATES	
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
RW (ARIPO):	GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO):	AM AZ BY KG KZ MD RU TJ TM
RW (EPO):	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.:	WO 2002-EP2254 A 20020301
PRIORITY INFO.:	US 2001-60/272,484 20010301

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L10 ANSWER 1 OF 2	PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:	1999066951 PCTFULL ED 20020515
TITLE (ENGLISH):	USE OF BI-SPECIFIC ANTIBODIES FOR PRE-TARGETING DIAGNOSIS AND THERAPY
TITLE (FRENCH):	UTILISATION D'ANTICORPS BI-SPECIFIQUES POUR DIAGNOSTIC ET THERAPIE DE PRE-CIBLAGE
INVENTOR(S):	HANSEN, Hans, J.; GRIFFITHS, Gary, L.; LEUNG, Shui-on; MCBRIDE, William, J.; QU, Zhengxing
PATENT ASSIGNEE(S):	IMMUNOMEDICS, INC.; HANSEN, Hans, J.; GRIFFITHS, Gary, L.; LEUNG, Shui-on; MCBRIDE, William, J.;

LANGUAGE OF PUBL.: QU, Zhengxing
DOCUMENT TYPE: English
PATENT INFORMATION: Patent

NUMBER	KIND	DATE
WO 9966951	A2	19991229

DESIGNATED STATES
W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

APPLICATION INFO.: WO 1999-US13879 A 19990622
PRIORITY INFO.: US 1998-60/090,142 19980622
US 1998-60/104,156 19981014

=> d his

(FILE 'HOME' ENTERED AT 12:02:56 ON 03 JAN 2006)

FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006

L1 1335 S ESTERAS? (S) CLEAV?
L2 435 S L1 (S) LINK?
L3 912 S CD22
L4 588 S (CPT () 11) OR (SN () 38)
L5 34 S L4 AND L3
L6 8 S L5 AND L2
L7 1 S L6 NOT PY>2002
L8 20 S L2 AND L3
L9 6 S L8 NOT PY>2002
L10 2 S L9 NOT PY>2001

=> s 12 and 14

L11 14 L2 AND L4

=> s l11 not py>2002

347751 PY>2002

L12 2 L11 NOT PY>2002

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L12 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 2000036101 PCTFULL ED 20020515
TITLE (ENGLISH): AN ATP-BINDING CASSETTE PROTEIN RESPONSIBLE FOR
CYTOTOXIN RESISTANCE
TITLE (FRENCH): PROTEINE DE CASSETTE DE LIAISON A L'ATP RESPONSABLE DE
LA RESISTANCE AUX CYTOTOXINES
INVENTOR(S): DEAN, Michael;
ALLIKMETS, Rando;
BATES, Susan, E.;
FOJO, Antonio, T.
PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATES OF AMERICA,
represented by THE SECRETARY, DEPARTMENT OF HEALTH AND
HUMAN SERVICES;
DEAN, Michael;
ALLIKMETS, Rando;
BATES, Susan, E.;
FOJO, Antonio, T.

LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000036101	A2	20000622

DESIGNATED STATES
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-US28107 A 19991124
 PRIORITY INFO.: US 1998-60/110,473 19981130

L12 ANSWER 2 OF 2 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1999066951 PCTFULL ED 20020515
 TITLE (ENGLISH): USE OF BI-SPECIFIC ANTIBODIES FOR PRE-TARGETING DIAGNOSIS AND THERAPY
 TITLE (FRENCH): UTILISATION D'ANTICORPS BI-SPECIFIQUES POUR DIAGNOSTIC ET THERAPIE DE PRE-CIBLAGE
 INVENTOR(S): HANSEN, Hans, J.; GRIFFITHS, Gary, L.; LEUNG, Shui-on; MCBRIDE, William, J.; QU, Zhengxing
 PATENT ASSIGNEE(S): IMMUNOMEDICS, INC.; HANSEN, Hans, J.; GRIFFITHS, Gary, L.; LEUNG, Shui-on; MCBRIDE, William, J.; QU, Zhengxing
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9966951	A2	19991229

DESIGNATED STATES
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APPLICATION INFO.: WO 1999-US13879 A 19990622
 PRIORITY INFO.: US 1998-60/090,142 19980622
 US 1998-60/104,156 19981014

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L1 1335 S ESTERAS? (S) CLEAV?
 L2 435 S L1 (S) LINK?
 L3 912 S CD22

L4 588 S (CPT () 11) OR (SN () 38)
 L5 34 S L4 AND L3
 L6 8 S L5 AND L2
 L7 1 S L6 NOT PY>2002
 L8 20 S L2 AND L3
 L9 6 S L8 NOT PY>2002
 L10 2 S L9 NOT PY>2001
 L11 14 S L2 AND L4
 L12 2 S L11 NOT PY>2002

=> s antibod?

L13 84196 ANTIBOD?

=> s l13 and l2

L14 361 L13 AND L2

=> s tetrahydropyran or tetrahydrofuran or THP or THF

28 TETRAHYDOPYRAN
 40 TETRHYDROFURAN
 6057 THP
 94 THPS
 6104 THP
 (THP OR THPS)
 33713 THF
 77 THFS
 33763 THF
 (THF OR THFS)

L15 37630 TETRAHYDOPYRAN OR TETRHYDROFURAN OR THP OR THF

=> s maleimi?

L16 11310 MALEIMI?

=> s l16 and l15

L17 1845 L16 AND L15

=> s l17 and l14

L18 40 L17 AND L14

=> s l18 not py>2002

347751 PY>2002

L19 22 L18 NOT PY>2002

=> s cancer? or tumor? or neoplas?

74539 CANCER?
 62442 TUMOR?
 21534 NEOPLAS?

L20 93014 CANCER? OR TUMOR? OR NEOPLAS?

=> s l19 and l20

L21 20 L19 AND L20

=> s l21 not py>2001

451737 PY>2001

L22 17 L21 NOT PY>2001

=> s conjugate? or immunoconjugate?

66417 CONJUGATE?
 2002 IMMUNOCONJUGATE?

L23 66507 CONJUGATE? OR IMMUNOCONJUGATE?

=> s l23 and l22

L24 15 L23 AND L22

=> d ibib 1-6

L24 ANSWER 1 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1999041266 PCTFULL ED 20020515
TITLE (ENGLISH): SPHINGOLIPID DERIVATIVES AND THEIR METHODS OF USE
TITLE (FRENCH): DERIVES DE SPHINGOLIPIDES ET PROCEDES D'UTILISATION
INVENTOR(S): LIOTTA, Dennis, C.;
MERRILL, Alfred, H., Jr.;
KEANE, Thomas, E.;
SCHMELZ, Eva, M.;
BHALLA, Kapil, N.
PATENT ASSIGNEE(S): EMORY UNIVERSITY;
LIOTTA, Dennis, C.;
MERRILL, Alfred, H., Jr.;
KEANE, Thomas, E.;
SCHMELZ, Eva, M.;
BHALLA, Kapil, N.
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 9941266	A1	19990819
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DESIGNATED STATES
W:

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI
GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
TR TT UA UG US UZ VN AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-US3093 A 19990212
PRIORITY INFO.: US 1998-60/074,536 19980212

L24 ANSWER 2 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1999005319 PCTFULL ED 20020515
TITLE (ENGLISH): METHODS AND COMPOUNDS FOR ANALYZING NUCLEIC ACIDS BY
MASS SPECTROMETRY
TITLE (FRENCH): PROCEDES ET COMPOSITIONS POUR L'ANALYSE DE MOLECULES
D'ACIDES NUCLEIQUES AU MOYEN DE TECHNIQUES DE CALIBRAGE
INVENTOR(S): VAN NESS, Jeffrey;
TABONE, John, C.;
HOWBERT, Jeffry;
MULLIGAN, John, T.
PATENT ASSIGNEE(S): RAPIGENE, INC.;
VAN NESS, Jeffrey;
TABONE, John, C.;
HOWBERT, Jeffry;
MULLIGAN, John, T.
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 9905319	A2	19990204
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DESIGNATED STATES
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AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1998-US15008 A 19980722

PRIORITY INFO.: US 1997-08/898,180 19970722
 US 1997-08/898,564 19970722
 US 1997-08/898,501 19970722

L24 ANSWER 3 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998050041 PCTFULL ED 20020514
 TITLE (ENGLISH): NOVEL PRODRUGS COMPRISING FLUORINATED AMPHIPHILES
 TITLE (FRENCH): NOUVEAUX PROMEDICAMENTS RENFERMANT DES AMPHIPHILES
 FLUORES

INVENTOR(S): UNGER, Evan, C.
 PATENT ASSIGNEE(S): IMARX PHARMACEUTICAL CORP.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9850041	A1	19981112

DESIGNATED STATES
 W:

AU BR CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE

APPLICATION INFO.: WO 1998-US7712 A 19980415
 PRIORITY INFO.: US 1997-8/851,780 19970506
 US 1997-8/887,215 19970702

L24 ANSWER 4 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998047541 PCTFULL ED 20020514
 TITLE (ENGLISH): CONTRAST AGENTS
 TITLE (FRENCH): AGENTS DE CONTRASTE
 INVENTOR(S): KLAVENESS, Jo;
 NAEVESTAD, Anne;
 BLACK, Christopher;
 WOLFE, Henry;
 TOLLESHAUG, Helge

PATENT ASSIGNEE(S): NYCOMED IMAGING AS;
 COCKBAIN, Julian, Roderick, Michaelson;
 KLAVENESS, Jo;
 NAEVESTAD, Anne;
 BLACK, Christopher;
 WOLFE, Henry;
 TOLLESHAUG, Helge

LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9847541	A1	19981029

DESIGNATED STATES
 W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
 ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
 SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
 GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
 BJ CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.: WO 1998-GB1197 A 19980424
 PRIORITY INFO.: GB 1997-9708265.5 19970424

L24 ANSWER 5 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998028443 PCTFULL ED 20020514
 TITLE (ENGLISH): METHOD FOR POLYNUCLEOTIDE AMPLIFICATION
 TITLE (FRENCH): METHODE D'AMPLIFICATION DES POLYNUCLEOTIDES
 INVENTOR(S): ULLMAN, Edwin, F.;
 LISHANSKI, Alla;

PATENT ASSIGNEE(S): KURN, Nurith
 DADE BEHRING MARBURG GMBH;
 ULLMAN, Edwin, F.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9828443	A1	19980702

DESIGNATED STATES
 W: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

APPLICATION INFO.: WO 1997-US23706 A 19971217
 PRIORITY INFO.: US 1996-60/033,137 19961220
 US 1997-8/965,492 19971106

L24 ANSWER 6 OF 15 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998018496 PCTFULL ED 20020514
 TITLE (ENGLISH): CONTRAST AGENTS
 TITLE (FRENCH): AGENTS DE CONTRASTE
 INVENTOR(S): KLAVENESS, Jo;
 NAEVESTAD, Anne;
 CUTHBERTSON, Alan
 PATENT ASSIGNEE(S): NYCOMED IMAGING AS;
 COCKBAIN, Julian;
 KLAVENESS, Jo;
 NAEVESTAD, Anne;
 CUTHBERTSON, Alan
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9818496	A2	19980507

DESIGNATED STATES
 W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
 ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS
 MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE
 DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
 CM GA GN ML MR NE SN TD TG

APPLICATION INFO.: WO 1997-GB2956 A 19971028
 PRIORITY INFO.: GB 1996-9622368.0 19961028
 GB 1996-9622365.6 19961028
 GB 1996-9622364.9 19961028
 GB 1996-9622369.8 19961028
 GB 1996-9622366.4 19961028
 GB 1996-9622367.2 19961028
 GB 1997-9700699.3 19970115
 GB 1997-9702195.0 19970204
 GB 1997-9706063.6 19970324

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(FILE 'HOME' ENTERED AT 12:02:56 ON 03 JAN 2006)

FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006

L1 1335 S ESTERAS? (S) CLEAV?
 L2 435 S L1 (S) LINK?
 L3 912 S CD22
 L4 588 S (CPT () 11) OR (SN () 38)

L5 34 S L4 AND L3
 L6 8 S L5 AND L2
 L7 1 S L6 NOT PY>2002
 L8 20 S L2 AND L3
 L9 6 S L8 NOT PY>2002
 L10 2 S L9 NOT PY>2001
 L11 14 S L2 AND L4
 L12 2 S L11 NOT PY>2002
 L13 84196 S ANTIBOD?
 L14 361 S L13 AND L2
 L15 37630 S TETRAHYDOPYRAN OR TETRHYDROFURAN OR THP OR THF
 L16 11310 S MALEIMI?
 L17 1845 S L16 AND L15
 L18 40 S L17 AND L14
 L19 22 S L18 NOT PY>2002
 L20 93014 S CANCER? OR TUMOR? OR NEOPLAS?
 L21 20 S L19 AND L20
 L22 17 S L21 NOT PY>2001
 L23 66507 S CONJUGATE? OR IMMUNOCONJUGATE?
 L24 15 S L23 AND L22

=> s l19 not py>2000
 550224 PY>2000
 L25 19 L19 NOT PY>2000

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L25 ANSWER 1 OF 19 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1999065930 PCTFULL ED 20020515
 TITLE (ENGLISH): VITAMIN B12 DERIVATIVES AND METHODS FOR THEIR
 PREPARATION
 TITLE (FRENCH): DERIVES DE VITAMINE B12 ET LEURS METHODES DE
 PREPARATION
 INVENTOR(S): RUSSELL-JONES, Greg;
 MCEWAN, John
 PATENT ASSIGNEE(S): BIOTECH AUSTRALIA PTY. LIMITED;
 RUSSELL-JONES, Greg;
 MCEWAN, John
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9965930	A1	19991223

DESIGNATED STATES
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-AU462 A 19990611
 PRIORITY INFO.: AU 1998-PP 4050 19980612

L25 ANSWER 2 OF 19 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1999055310 PCTFULL ED 20020515
 TITLE (ENGLISH): STABILIZED PROTEIN CRYSTALS, FORMULATIONS CONTAINING
 THEM AND METHODS OF MAKING THEM
 TITLE (FRENCH): CRISTAUX DE PROTEINES STABILISEES, FORMULATIONS
 RENFERMANT LESDITS CRISTAUX ET LEURS PROCEDES DE
 FABRICATION

INVENTOR(S): MARGOLIN, Alexey, L.;
 KHALAF, Nazer, K.;
 ST. CLAIR, Nancy, L.;
 RAKESTRAW, Scott, L.;
 SHENOY, Bhami, C.
 PATENT ASSIGNEE(S): ALTUS BIOLOGICS INC.;
 MARGOLIN, Alexey, L.;
 KHALAF, Nazer, K.;
 ST. CLAIR, Nancy, L.;
 RAKESTRAW, Scott, L.;
 SHENOY, Bhami, C.

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9955310	A1	19991104

DESIGNATED STATES

W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-US9099 A 19990427

PRIORITY INFO.: US 1998-60/083,148 19980427

US 1998-09/224,475 19981231

L25 ANSWER 3 OF 19

PCTFULL COPYRIGHT 2006 Univentio on STN

1999041266 PCTFULL ED 20020515

TITLE (ENGLISH): SPHINGOLIPID DERIVATIVES AND THEIR METHODS OF USE

TITLE (FRENCH): DERIVES DE SPHINGOLIPIDES ET PROCEDES D'UTILISATION

INVENTOR(S): LIOTTA, Dennis, C.;

MERRILL, Alfred, H., Jr.;

KEANE, Thomas, E.;

SCHMELZ, Eva, M.;

BHALLA, Kapil, N.

PATENT ASSIGNEE(S): EMORY UNIVERSITY;

LIOTTA, Dennis, C.;

MERRILL, Alfred, H., Jr.;

KEANE, Thomas, E.;

SCHMELZ, Eva, M.;

BHALLA, Kapil, N.

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9941266	A1	19990819

DESIGNATED STATES

W:

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI
 GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD
 MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
 TR TT UA UG US UZ VN AM AZ BY KG KZ MD RU TJ TM AT BE
 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
 CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-US3093 A 19990212

PRIORITY INFO.: US 1998-60/074,536 19980212

L25 ANSWER 4 OF 19

PCTFULL COPYRIGHT 2006 Univentio on STN

1999005319 PCTFULL ED 20020515

TITLE (ENGLISH): METHODS AND COMPOUNDS FOR ANALYZING NUCLEIC ACIDS BY
 MASS SPECTROMETRY
 TITLE (FRENCH): PROCEDES ET COMPOSITIONS POUR L'ANALYSE DE MOLECULES
 D'ACIDES NUCLEIQUES AU MOYEN DE TECHNIQUES DE CALIBRAGE
 INVENTOR(S): VAN NESS, Jeffrey;
 TABONE, John, C.;
 HOWBERT, Jeffry;
 MULLIGAN, John, T.
 PATENT ASSIGNEE(S): RAPIGENE, INC.;
 VAN NESS, Jeffrey;
 TABONE, John, C.;
 HOWBERT, Jeffry;
 MULLIGAN, John, T.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9905319	A2	19990204

DESIGNATED STATES
 W:

AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE
 LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
 CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1998-US15008 A 19980722
 PRIORITY INFO.: US 1997-08/898,180 19970722
 US 1997-08/898,564 19970722
 US 1997-08/898,501 19970722

L25 ANSWER 5 OF 19 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998050041 PCTFULL ED 20020514
 TITLE (ENGLISH): NOVEL PRODRUGS COMPRISING FLUORINATED AMPHIPHILES
 TITLE (FRENCH): NOUVEAUX PROMEDICAMENTS RENFERMANT DES AMPHIPHILES
 FLUORES
 INVENTOR(S): UNGER, Evan, C.
 PATENT ASSIGNEE(S): IMARX PHARMACEUTICAL CORP.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9850041	A1	19981112

DESIGNATED STATES
 W:

AU BR CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE
 APPLICATION INFO.: WO 1998-US7712 A 19980415
 PRIORITY INFO.: US 1997-8/851,780 19970506
 US 1997-8/887,215 19970702

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L25 ANSWER 6 OF 19 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 1998047541 PCTFULL ED 20020514
 TITLE (ENGLISH): CONTRAST AGENTS
 TITLE (FRENCH): AGENTS DE CONTRASTE
 INVENTOR(S): KLAVENESS, Jo;
 NAEVESTAD, Anne;
 BLACK, Christopher;
 WOLFE, Henry;

PATENT ASSIGNEE(S): TOLLESHAUG, Helge
NYCOMED IMAGING AS;
COCKBAIN, Julian, Roderick, Michaelson;
KLAVENESS, Jo;
NAEVESTAD, Anne;
BLACK, Christopher;
WOLFE, Henry;
TOLLESHAUG, Helge

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9847541	A1	19981029

DESIGNATED STATES

W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
BJ CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.:

WO 1998-GB1197 A 19980424

PRIORITY INFO.:

GB 1997-9708265.5 19970424

L25 ANSWER 7 OF 19

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN

1998046732 PCTFULL ED 20020514

TITLE (ENGLISH):

CONTROLLED DISSOLUTION CROSS-LINKED PROTEIN CRYSTALS

TITLE (FRENCH):

DISSOLUTION COMMANDEE DE CRISTAUX RETICULES DE PROTEINE

INVENTOR(S):

MARGOLIN, Alexey, L.;
PERSICHETTI, Rose, A.;
ST. CLAIR, Nancy, L.;
KHALAF, Nazer, K.;
SHENOY, Bhami, C.

PATENT ASSIGNEE(S):

ALTUS BIOLOGICS INC.;
MARGOLIN, Alexey, L.;
PERSICHETTI, Rose, A.;
ST. CLAIR, Nancy, L.;
KHALAF, Nazer, K.;
SHENOY, Bhami, C.

LANGUAGE OF PUBL.:

English

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9846732	A1	19981022

DESIGNATED STATES

W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
BJ CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.:

WO 1998-US7287 A 19980410

PRIORITY INFO.:

US 1997-8/834,661 19970411

L25 ANSWER 8 OF 19

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN

1998028443 PCTFULL ED 20020514

TITLE (ENGLISH):

METHOD FOR POLYNUCLEOTIDE AMPLIFICATION

TITLE (FRENCH):

METHODE D'AMPLIFICATION DES POLYNUCLEOTIDES

INVENTOR(S):

ULLMAN, Edwin, F.;
LISHANSKI, Alla;

PATENT ASSIGNEE(S): KURN, Nurith
DADE BEHRING MARBURG GMBH;
ULLMAN, Edwin, F.
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9828443	A1	19980702

DESIGNATED STATES
W:

CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

APPLICATION INFO.:
PRIORITY INFO.:

WO 1997-US23706	A	19971217
US 1996-60/033,137		19961220
US 1997-8/965,492		19971106

L25 ANSWER 9 OF 19
ACCESSION NUMBER:
TITLE (ENGLISH):
TITLE (FRENCH):
INVENTOR(S):

PCTFULL COPYRIGHT 2006 Univentio on STN
1998018496 PCTFULL ED 20020514
CONTRAST AGENTS
AGENTS DE CONTRASTE
KLAVENESS, Jo;
NAEVESTAD, Anne;
CUTHBERTSON, Alan

PATENT ASSIGNEE(S):

NYCOMED IMAGING AS;
COCKBAIN, Julian;
KLAVENESS, Jo;
NAEVESTAD, Anne;
CUTHBERTSON, Alan

LANGUAGE OF PUBL.:
DOCUMENT TYPE:
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9818496	A2	19980507

DESIGNATED STATES
W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG

APPLICATION INFO.:
PRIORITY INFO.:

WO 1997-GB2956	A	19971028
GB 1996-9622368.0		19961028
GB 1996-9622365.6		19961028
GB 1996-9622364.9		19961028
GB 1996-9622369.8		19961028
GB 1996-9622366.4		19961028
GB 1996-9622367.2		19961028
GB 1997-9700699.3		19970115
GB 1997-9702195.0		19970204
GB 1997-9706063.6		19970324

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L25 ANSWER 5 OF 19 PCTFULL COPYRIGHT 2006 Univentio on STN

DETD . . . targeting figand may be synthetic, senii-synthetic, or
naturally-occurring. Materials or
substances which may serve as targeting ligands include, for example,
proteins, including
antibodies, antibody fragments, hormones, hormone

analogues, glycoproteins and lectins, peptides, polypeptides, amino acids, sugars, saccharides, including monosaccharides and polysaccharides, carbohydrates, vitamins, steroids, steroid analogs, . . . a targeting ligand refers to any material or substance which may be converted to a targeting ligand. Exemplary targeting precursor moieties include **maleimide** groups, disulfide groups, such as ortho-pyridyl disulfide, vinylsulfone groups, azide groups, and α -iodo acetyl groups.

Exemplary materials which can be reacted with the additional functional groups include, for example, proteins, including **antibodies**, carbohydrates, peptides, glycopeptides, glycolipids, lectins and nucleosides.

cardiac glycoside agents, chelates, neuromuscular blocking agents, sedatives (hypnotics), local anesthetic agents, general anesthetic agents, radioactive particles, radioactive ions, X-ray contrast agents, monoclonal **antibodies**, polyclonal **antibodies** and genetic material. In view of the present disclosure, one skilled in the art could determine whether any particular bioactive agent could. . .

use in targeting tissues and/or receptors, including the tissues and receptors exemplified above, are selected from the group consisting of proteins, including **antibodies**, **antibody** fragments, hormones, hormone analogues, glycoproteins and lectins, peptides, polypeptides, amino acids, sugars, such as 1-5 saccharides, including monosaccharides and polysaccharides, and. . .

growth factor (HGF); angiogenin; tumor necrosis factors, including tumor necrosis factor- α (TNF- α) and tumor necrosis factor- β (TNF- β), and receptor **antibodies** and fragments thereof to tumor necrosis factor (TNF) receptor I or 2 family, including, for example, TNF-R1, TNF-R2, FAS, TNFR-RP, NGF-R, CD30, . . . α -, β - and γ -cyclodextrin; tetradecasulfate; transferrin; ferritin; platelet factor 4; protamine; Gly-FEs-Lys complexed to copper; ceruloplasmin; (12R)-hydroxyeicosatrienoic acid; okadaic acid; lectins; **antibodies**; CD 11a/CD 18; and Very Late Activation Integrin-4 (VLA-4).

E-, N-, and P-cadherins, cadherin-4, cadherin-5, cadherin-6, cadherin-7, cadherin-8, cadherin-9, cadherin-10, and cadherin-11; and most preferably cadherin C. Further, **antibodies** directed to cadherins, such as, for example, the monoclonal **antibody** Ec6C10, may be used to recognize cadherins expressed locally by specific endothelial cells.

of the ELAM molecules. Targeting ligands in this regard may include lectins, a

wide variety of carbohydrate or sugar moieties, **antibodies**, **antibody** fragments, Fab fragments, such as, for example, Fab'2, and synthetic peptides, including, for example, Arginine-Glycine-Aspartic Acid (R-G-D) which may be targeted to. . .

. . .
is mononuclear leukocyte-selective, may also be used as a targeting ligand. VLA-4, derived from human monocytes, may be used to target VCAM-I. **Antibodies** and other targeting ligands may be employed to target endoglin, which is an endothelial cell proliferation marker.

. . .
is upregulated on endothelial cells in miscellaneous solid tumors. A targeting ligand which may be used to target endoglin is the **antibody** TEC-1 1. Thorpe et al, Breast Cancer Research and Treatment, 36:237-51 (1995).

As with the endothelial cells discussed above, a wide variety of peptides, proteins and

antibodies may be employed as targeting ligands for targeting epithelial cells. Preferably, a peptide, including synthetic, semi-synthetic or naturally-occurring peptides, with high affinity. . . being more preferred. In connection with these preferred embodiments, peptides having from about 5 to about 15 amino acid residues are preferred.

Antibodies may be used as whole

antibody or **antibody** fragments, for example, Fab or Fab'2, either of natural or recombinant origin. The **antibodies** of natural origin may be of animal or human origin, or may be chimeric (mouse/human). Human recombinant or chimeric **antibodies** are preferred and fragments are preferred to whole **antibody**.

Examples of monoclonal **antibodies** which may be employed as targeting ligands in the present compositions include CALAM 27, which is formed by immunizing BALB/c mice with. . .

. . .
nodes generally do not contain cells expressing these epitopes. See Cancer Research, 47:4417-4424 (1987). Accordingly, lipid and/or vesicle compositions comprising this **antibody** can be used to target metastases in the lymph nodes. The monoclonal **antibody** 3C2 may be employed as a targeting ligand for targeting malignant epithelial cells of serious ovarian carcinoma and endometroid carcinoma. Another exemplary. . .

066 Ref 082748) may be used as a targeting ligand. For targeting malignant melanoma, the monoclonal **antibody** 225.28s (Palhol. Biol., 38 (8):866-869 (1990)) may be employed. The monoclonal **antibody** mAb2E,, which is targeted to EPR- I (effector cell protease 1), may also be used.

cytokeratins 8, 18 and 19, is expressed by most epithelial-derived tumors, including carcinomas of the colon, pancreas, breast, ovary and lung. Thus, **antibodies** directed to these cytokeratins, such as 16.88 (IgM) and 88BV59 (IgG3k), which recognize different epitopes on CTA 16.88 (Semin. Nucl. Med, 23. . . ligands. For targeting colon cancer, anti-CEA IgG Fab'fragments may be employed as targeting ligands. Chemically conjugated bispecific anti-cell surface antigen, anti-hapten Fab'-Fab **antibodies** may also be used as targeting ligands. The MG series monoclonal **antibodies** may be selected for targeting, for example, gastric cancer (Chin. Med Sci. J, 6 (1):56-59 (1991).

I 0 Exemplary targeting ligands include, for example, anticardiomycin **antibody**, which may comprise polyclonal **antibody**, Fab'2 fragments, or be of human origin, animal origin, for example, mouse origin, or of chimeric origin. Additional targeting ligands include dipyrindamole; . . . methyl LDL; ryanodine; endothelin; complement receptor 5 type I IgG Fc; beta I -adrenergic- dihydropyridine; adenosine; mineralocorticoid; nicotinic acetylcholine and muscarinic acetylcholine; **antibodies** to the human alpha IA-adrenergic receptor; bioactive agents, such as drugs, including the alpha I -antagonist prazosin; **antibodies** to the anti-beta-receptor; drugs which bind to the anti-beta-receptor; anti-cardiac RyR **antibodies**; endothelin-1, which is an endothelial cell-derived vasoconstrictor peptide that exerts a potent positive inotropic effect on cardiac tissue (endothelin- I binds to cardiac sarcolerrimal vesicles)- monoclonal **antibodies** which may be generated to the T-cell receptor a -P receptor and thereby employed to generate targeting ligands; the complement inhibitor sCRI; drugs, peptides or **antibodies** which are generated to the dihydropyridine receptor; monoclonal **antibodies** directed towards the anti-interieukin-2 receptor may be used as targeting ligands to direct the present compositions to areas of myocardial tissue which. . . endopeptidase I (NEP- 1); competitive inhibitors to EDRF, including, for example, NG-monomethyl-L-arginine (L-NNUVIA); potassium channel antagonists, such as charybdotoxin and glibenclamide; antiheart **antibodies**, which may be identified in patients with idiopathic dilated cardiomyopathy but which preferably do not elicit cytolysis in the myocardiurn; **antibodies** directed against the adenine nucleotide translocator, the branched-chain keto acid dehydrogenase or cardiac myosin; I 0 specific antagonists for the endothelin-A receptor, which may be referred to as BQ- 1 23; and **antibodies** to the angiotensin 11 receptor.

antigens of heart sarcolemmal are calcium binding glycoproteins which copurify with the dihydropyridine receptor. Antisera may be raised, including polyclonal or monoclonal **antibodies**, against purified sarcolemma. These **antibodies** may also be employed as targeted ligands. Purified fractions of the calcium binding glycoproteins may be isolated from the plasma membranes of the sarcolemma and then used to generate

antibodies. ANP, which, as noted above, may be used as a targeting ligand, can be obtained from cultures of human aortic endothelial. . . the peptide using peptide synthesis techniques well known to those skilled in the art. It is also possible to use an **antibody**, either polyclonal or monoclonal, directed towards ANP.

a class of targeted lymphocytes, a targeting ligand having specific affinity for that class is employed. For example, an anti CD-4 **antibody** can be used for selecting the class of T-cells harboring CD-4 receptors, an anti CD-8 **antibody** can be used for selecting the class of T-cells harboring CD-8 receptors, an anti CD-34 **antibody** can be used for selecting the class of T-cells harboring CD-34 receptors, etc. A lower molecular weight ligand is preferably employed, e.g., Fab or a peptide fragment. For example, an OKT3 **antibody** or OKT3 **antibody** fragment may be used.

antibacterial and antiviral therapies and plays a role in allograft rejection. In addition to IEL-2 receptors, preferred targets include the anti-IEL-2 receptor **antibody**, natural EL-2 and an IL-2 fragment of a 20-mer peptide or smaller generated by phage display which binds. . .

reference in its entirety. Exemplary crosslinkers include, for example, 3,3'-dithiobis(succinimidyl-propionate), dimethyl suberimidate, and its variations thereof, based on hydrocarbon length, and bis-N-maleimido-1,8-octane.

1239:157-167 (1995)) it may be important to reduce the thiol groups so that they are available for coupling, for example, to maleimide derivatized linking groups. Examples of reducing agents commonly used are ethanedithiol, mercaptoethanol, mercaptoethylamine or the more commonly used dithiothreitol, commonly referred to. . .

F(ab')₂ **antibody** fragments may be prepared by incubating the **antibodies** with pepsin (60[Lg/ml] in 0.1 M sodium acetate (pH 4.2) for 4 h at 37°C. Digestion may be. . . 0.4 ml spin column of Bio-Gel P-6DG. The resulting Fab' fragments may be more efficient in their coupling to maleimide linkers.

Note also that the same procedure may be employed with other macromolecules

containing cysteine residues for coupling, for example, to the **maleimide** spacers. Also, peptides may be utilized provided that they contain a cysteine residue. If the peptides have not been made fresh and. . .

. . .
lipids useful for coupling to a bifunctional spacer. For example, phosphatidylethanolamine (PE) may be coupled to a bifunctional agent. For example N-succinimidyl 4-(p-maleimidophenyl)butyrate (SNTB) and N-succinimidyl 3-(2-pyridyldithiol) propionate (SPDP), N-succinimidyl trans (N-maleimidylmethyl)cyclohexane-1-carboxylate (SMCC), and N-succinimidyl 3-

maleimidylbenzoate (SNM) may be used among others, to produce, for example the functionalized lipids NTB-PE and PDP-PE.

. . .
a vesicle, preferably by a linker, such as PEG, and copper, iron or vanadyl ion may then be added. Proteins, such as **antibodies** which contain histidine residues, may then bind to the vesicle via an ionic bridge with the copper ion, as described in. . .

. . .
may contain more than one bioactive agent or vesicles containing different bioactive agents may be co-administered. By way of example, a monoclonal **antibody** capable of binding to melanoma antigen and an oligonucleotide encoding at least a portion of IL-2 may be administered at the. . .

. . .
of the prodrugs of the present invention, an acylated chemical group may be bound to the bioactive agent via an ester **linkage** which would readily **cleave** in vivo by enzymatic action in serum. The acylated prodrug is incorporated into the gas filled vesicle of the invention. As. . . the sonic pulse from the ultrasound, and the prodrug encapsulated by the vesicle is then exposed to the serum. The ester **linkage** is then

cleaved by **esterases** in the serum, thereby generating the drug. However, it is not necessary for the bioactive agent to be **cleaved** from the acylated chemical group and ester **linkage** in order for the bioactive agent to be therapeutically effective. In other WO 98/50041 PCTIUS98/07712

- 130 -

bioactive agent from the **linking** group and fluorinated amphiphilic moiety). The particular chemical structure of the prodrug may be selected or modified to achieve desired solubility such. . . ruptured or heated or ruptured via cavitation, the acylated prodrug may then leave the surface and/or the bioactive agent may be **cleaved** from the acyl chains. Similarly, other prodrugs may be formulated with a hydrophobic group which is aromatic or sterol in structure to. . .

$C_n F_{2n+1} - (CH_2)_m - C(O)O$
 $C_n F_{2n+1} - (CH_2)_m - C(O)O$

(IX) CH₂
H₂, Pd/C
THF
C_nF_{2n+1}-(CH₂)M-C(O)O
C_nF_{2n+1}-(CH₂)M-C(O)O
W-OH
1) BrC₂H₄OP(O)Cb, NEb
2) H₂O
3) NMe₃, A92CO₃
C_nF_{2n+1}-(CH₂)M-C(O)O
C_nF_{2n+1}-(CH₂)M-C(O)O
(XI) O P (O₂-) O-- (C H₂)₂ N (C H₃)₃
- . . .

The benzyl protecting group can be removed by hydrogenolysis over a palladium on charcoal catalyst (Pd/C) in tetrahydrofuran (**THF**). Proc. Natl. Acad. Sci. USA, 75:4074 (1978). Short reaction times for the hydrogenolysis of the benzyl group are preferred to avoid transesterification. . .

The hydrogenolysis reaction is preferably conducted in **THF** because the starting material (the compound of formula (IX)) and the product (the compound of formula (X)) are highly soluble in TBT-. . .

CLMEN. . . narcotics, cardiac glycoside agents, chelates, neuromuscular blocking agents, sedatives, local anesthetic agents, general anesthetic agents, radioactive particles, radioactive ions, X-ray contrast agents, monoclonal **antibodies** and genetic material.
. . .
narcotics, cardiac glycoside agents, chelates, neuromuscular blocking agents, sedatives, local anesthetic agents, general anesthetic agents, radioactive particles, radioactive ions, X-ray contrast agents, monoclonal **antibodies** and genetic material.

=> d ibib 5

L25	ANSWER 5 OF 19	PCTFULL	COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:		1998050041	PCTFULL ED 20020514
TITLE (ENGLISH):		NOVEL PRODRUGS COMPRISING FLUORINATED AMPHIPHILES	
TITLE (FRENCH):		NOUVEAUX PROMEDICAMENTS RENFERMANT DES AMPHIPHILES FLUORES	
INVENTOR(S):		UNGER, Evan, C.	
PATENT ASSIGNEE(S):		IMARX PHARMACEUTICAL CORP.	
LANGUAGE OF PUBL.:		English	
DOCUMENT TYPE:		Patent	
PATENT INFORMATION:			
		NUMBER	KIND DATE

		WO 9850041	A1 19981112
DESIGNATED STATES			
W:		AU BR CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
APPLICATION INFO.:		WO 1998-US7712	A 19980415
PRIORITY INFO.:		US 1997-8/851,780	19970506

US 1997-8/887,215

19970702

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
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FILE 'CAPLUS' ENTERED AT 12:16:10 ON 03 JAN 2006
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FILE LAST UPDATED: 2 Jan 2006 (20060102/ED)

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=> s WO 2004054622/pn
L26 1 WO 2004054622/PN
(WO2004054622/PN)

=> sel rn
E1 THROUGH E48 ASSIGNED

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
2.49	55.76

FILE 'REGISTRY' ENTERED AT 12:16:38 ON 03 JAN 2006
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STRUCTURE FILE UPDATES: 2 JAN 2006 HIGHEST RN 870976-29-7
DICTIONARY FILE UPDATES: 2 JAN 2006 HIGHEST RN 870976-29-7

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s e1-e48

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 714966-36-6/BI OR 714966-37-7/BI OR 77-77-0/BI OR 80790-68-7/BI

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L27 ANSWER 1 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **714966-37-7** REGISTRY

ED Entered STN: 23 Jul 2004

CN Glycine, N-[[4-[(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)methyl]cyclohexyl]carbonyl]-, (4S)-9-[[[1,4'-bipiperidin]-1'-ylcarbonyl]oxy]-4,11-diethyl-3,4,12,14-tetrahydro-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl ester (9CI) (CA INDEX NAME)

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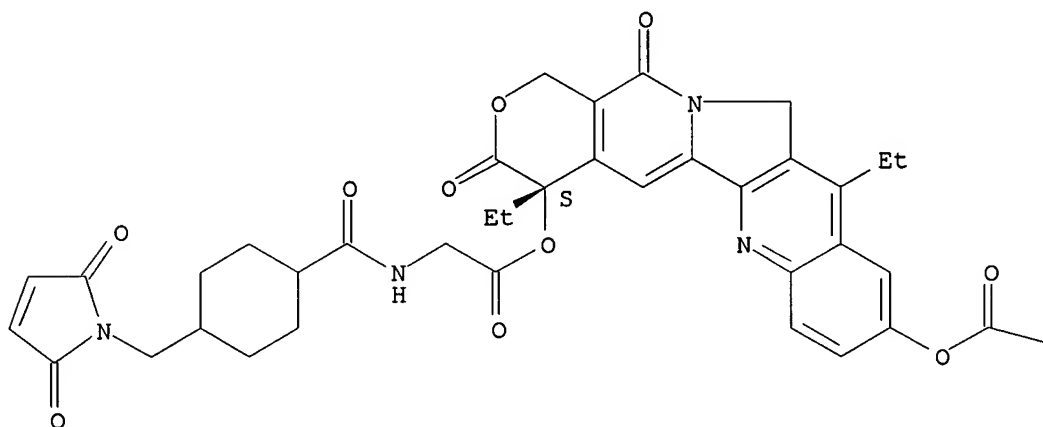
MF C47 H54 N6 O10

SR CA

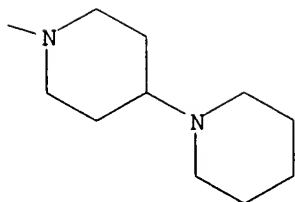
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



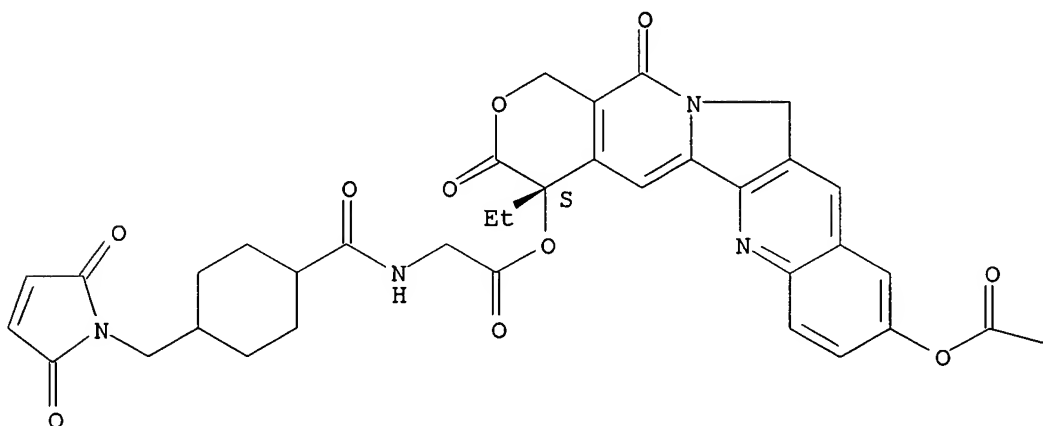
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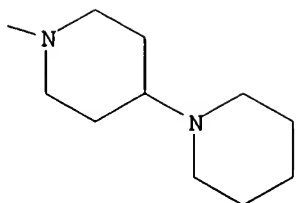
L27 ANSWER 2 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 714966-36-6 REGISTRY
ED Entered STN: 23 Jul 2004
CN Glycine, N-[[4-[(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)methyl]cyclohexyl]carbonyl]-, (4S)-9-[[([1,4'-bipiperidin]-1'-ylcarbonyl)oxy]-4-ethyl-3,4,12,14-tetrahydro-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H50 N6 O10
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



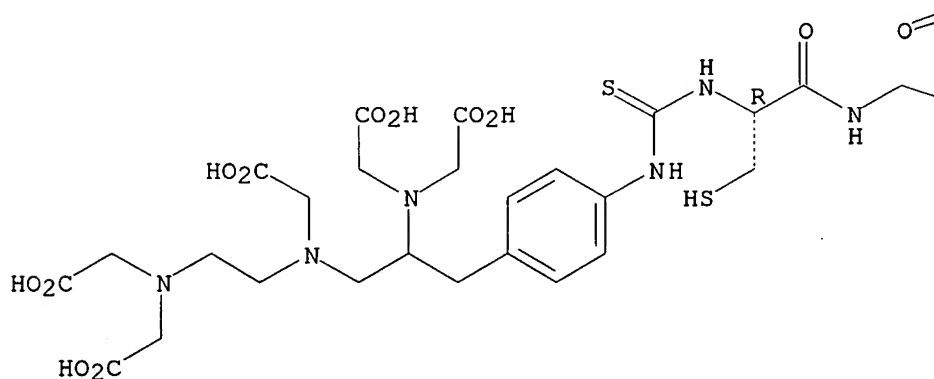
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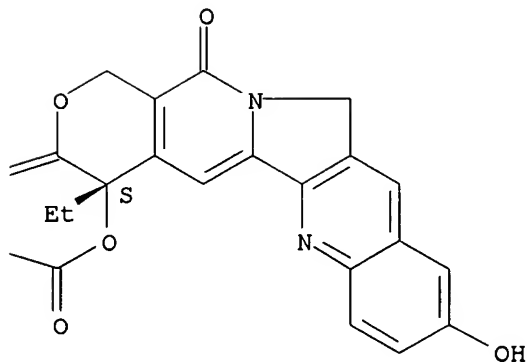
L27 ANSWER 3 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 713542-78-0 REGISTRY
ED Entered STN: 21 Jul 2004
CN Glycine, N-[[[4-[2-[bis(carboxymethyl)amino]-3-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]propyl]phenyl]amino]thioxomethyl]-L-cysteinyl-, 2-[(4S)-4-ethyl-3,4,12,14-tetrahydro-9-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl] ester (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



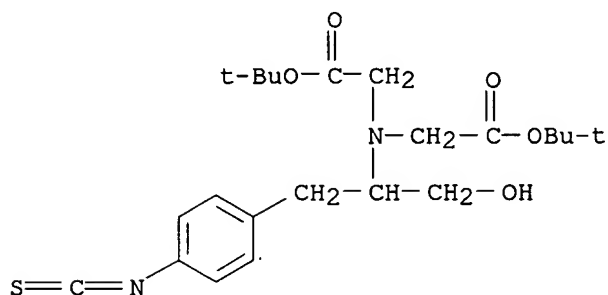
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 4 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **713542-77-9** REGISTRY
ED Entered STN: 21 Jul 2004
CN Glycine, N-[2-(1,1-dimethylethoxy)-2-oxoethyl]-N-[2-hydroxy-1-[(4-isothiocyanatophenyl)methyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

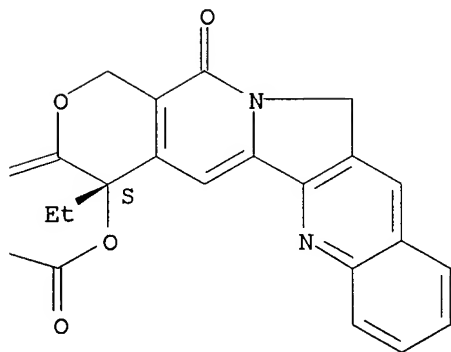
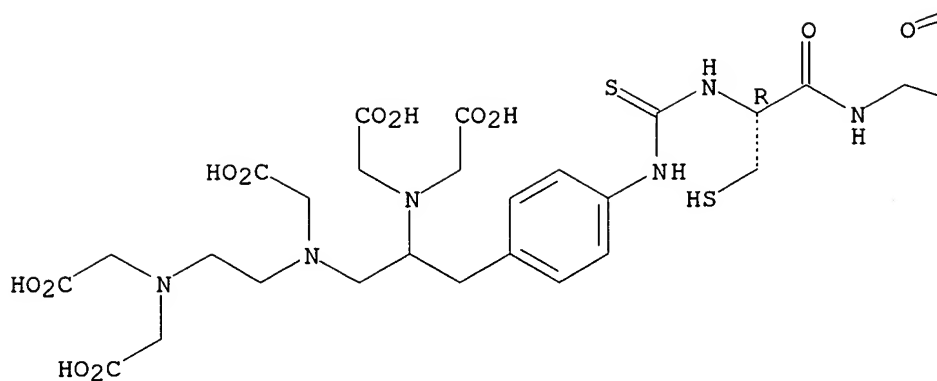


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 5 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **713542-76-8** REGISTRY
ED Entered STN: 21 Jul 2004
CN Glycine, N-[[[4-[2-[bis(carboxymethyl)amino]-3-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]propyl]phenyl]amino]thioxomethyl]-L-cysteiny]-, 2-[(4S)-4-ethyl-3,4,12,14-tetrahydro-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl] ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C47 H52 N8 O16 S2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

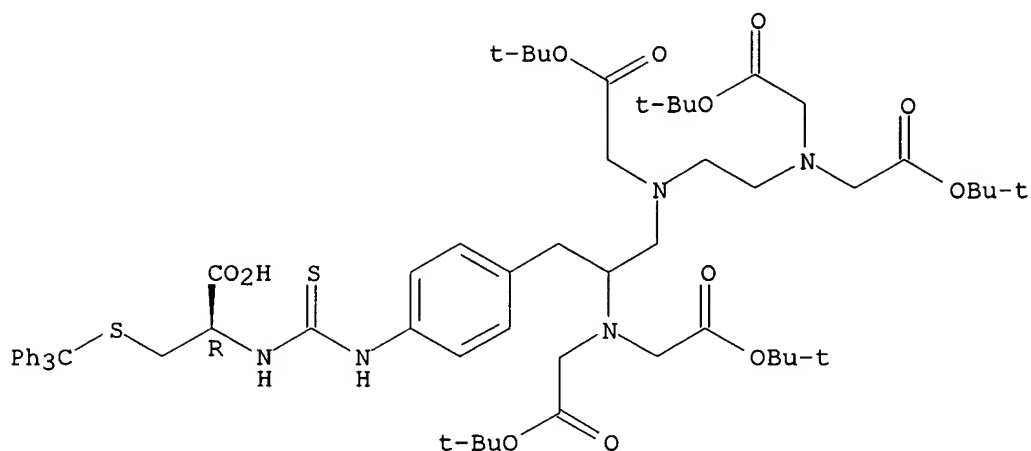


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 6 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 713542-75-7 REGISTRY
ED Entered STN: 21 Jul 2004
CN 3-Oxa-6,9,12-triazatetradecan-14-oic acid, 7-[[4-[[[(1R)-1-carboxy-2-
[(triphenylmethyl)thio]ethyl]amino]thioxomethyl]amino]phenyl]methyl]-
6,9,12-tris[2-(1,1-dimethylethoxy)-2-oxoethyl]-2,2-dimethyl-4-oxo-,
14-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

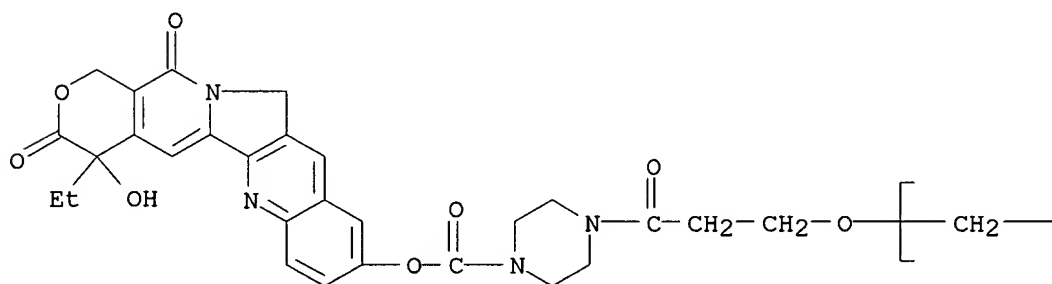


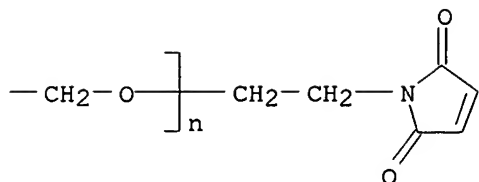
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 7 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **713542-74-6** REGISTRY
ED Entered STN: 21 Jul 2004
CN Poly(oxy-1,2-ethanediyl), α -[2-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)ethyl]- ω -[3-[4-[[[(4S)-4-ethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl]oxy]carbonyl]-1-piperazinyl]-3-oxopropoxy]- (9CI) (CA INDEX NAME)
MF (C2 H4 O)_n C34 H33 N5 O10
CI PMS
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

PAGE 1-A

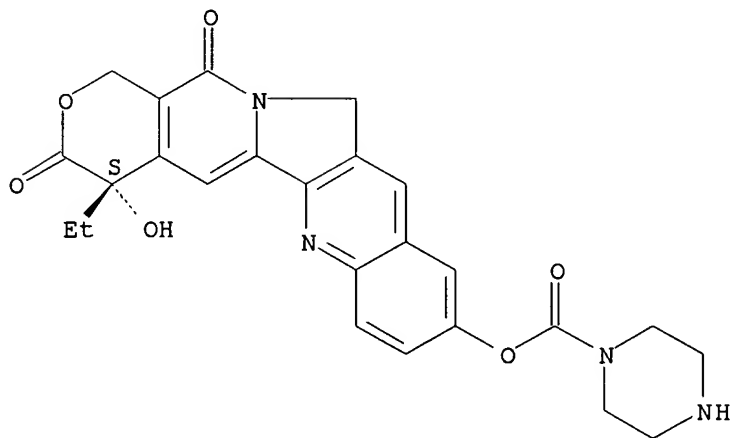




1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 8 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 713542-73-5 REGISTRY
ED Entered STN: 21 Jul 2004
CN 1-Piperazinecarboxylic acid, (4S)-4-ethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H24 N4 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



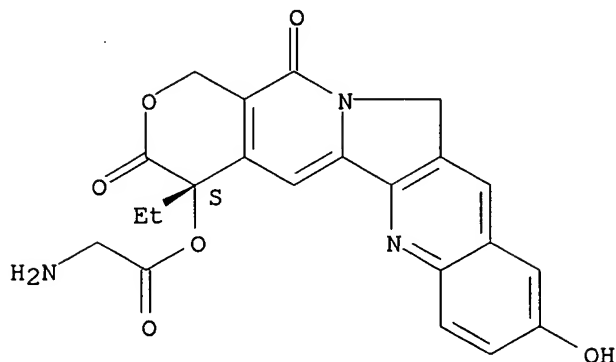
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L27 ANSWER 9 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 362497-14-1 REGISTRY
ED Entered STN: 16 Oct 2001
CN Glycine, (4S)-4-ethyl-3,4,12,14-tetrahydro-9-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H19 N3 O6
CI COM
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 10 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 176669-13-9 REGISTRY

ED Entered STN: 24 May 1996

CN Glycine, (4S)-4-ethyl-3,4,12,14-tetrahydro-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycine, 4-ethyl-3,4,12,14-tetrahydro-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-4-yl ester, (S)-

FS STEREOSEARCH

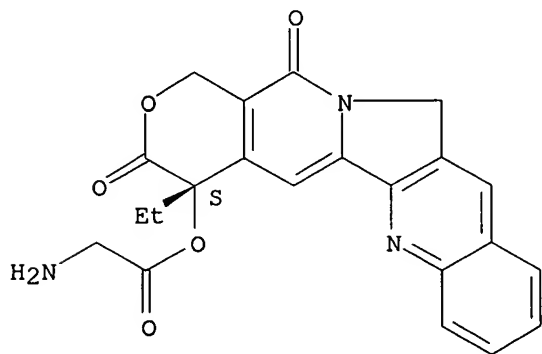
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CI COM

SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Absolute stereochemistry.



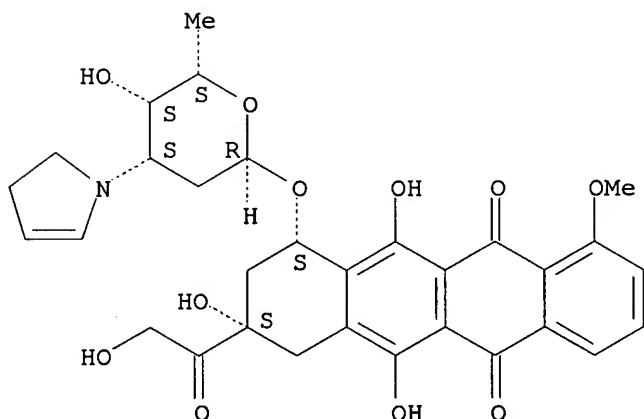
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15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 11 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 175795-76-3 REGISTRY
 ED Entered STN: 02 May 1996
 CN 5,12-Naphthacenedione, 7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-10-[[2,3,6-trideoxy-3-(2,3-dihydro-1H-pyrrol-1-yl)- α -L-lyxo-hexopyranosyl]oxy]-, (8S,10S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 5,12-Naphthacenedione, 7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-10-[[2,3,6-trideoxy-3-(2,3-dihydro-1H-pyrrol-1-yl)- α -L-lyxo-hexopyranosyl]oxy]-, (8S-cis)-
 OTHER NAMES:
 CN 3'-Deamino-3'-(2''-pyrrolin-1''-yl)doxorubicin
 CN AN 201
 CN AN 201 (pharmaceutical)
 FS STEREOSEARCH
 MF C31 H33 N O11
 CI COM
 SR CA
 LC STN Files: BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, EMBASE, MEDLINE, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

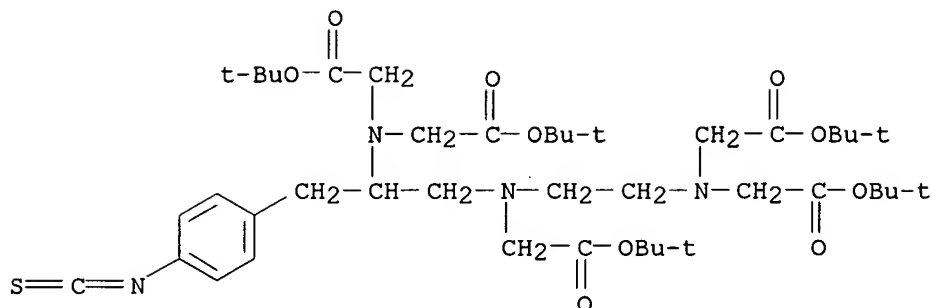
Absolute stereochemistry.



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 39 REFERENCES IN FILE CAPLUS (1907 TO DATE)

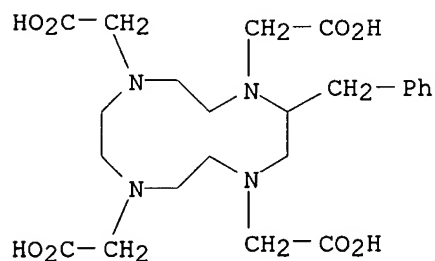
L27 ANSWER 12 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 167219-97-8 REGISTRY
 ED Entered STN: 01 Sep 1995
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 MF C42 H68 N4 O10 S
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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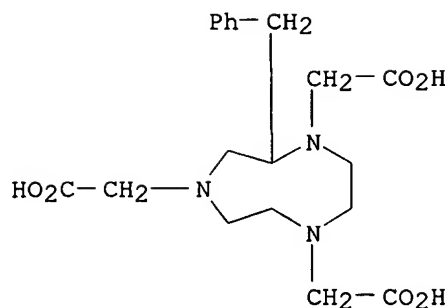
L27 ANSWER 13 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **149969-02-8** REGISTRY
ED Entered STN: 14 Sep 1993
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2-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C23 H34 N4 O8
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

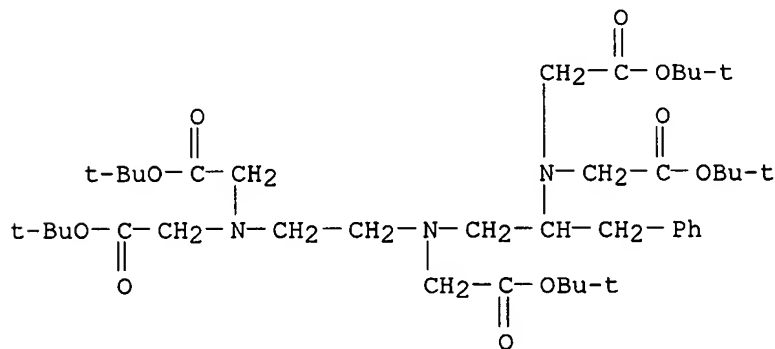
L27 ANSWER 14 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **149969-01-7** REGISTRY
ED Entered STN: 14 Sep 1993
CN 1H-1,4,7-Triazonine-1,4,7-triacetic acid, hexahydro-2-(phenylmethyl)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H27 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 15 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **135306-71-7** REGISTRY
 ED Entered STN: 02 Aug 1991
 CN 3-Oxa-6,9,12-triazatetradecan-14-oic acid, 6,9,12-tris[2-(1,1-dimethylethoxy)-2-oxoethyl]-2,2-dimethyl-4-oxo-7-(phenylmethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C41 H69 N3 O10
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 16 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **127464-60-2** REGISTRY
 ED Entered STN: 01 Jun 1990
 CN Vascular endothelial growth factor (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Animal growth regulator, VEGF
 CN Animal growth regulators, glioma-derived vascular endothelial growth factors
 CN Animal growth regulators, VEGF
 CN Animal growth regulators, VEGF (vascular endothelial growth factor)
 CN Cytokines, vascular permeability factor

CN Folliculo-stellate-derived growth factors
CN FSdGF pituitary hormones
CN Glioma-derived vascular endothelial growth factors
CN Pituitary hormones, folliculo-stellate-derived growth factors
CN Vascular permeability factor
CN Vasculotropin
CN VEGF
MF Unspecified
CI MAN
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS,
BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CEN, CHEMCATS, CIN, DDFU,
DRUGU, EMBASE, IPA, PHAR, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
13344 REFERENCES IN FILE CA (1907 TO DATE)
167 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
13386 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 17 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN **123948-87-8** REGISTRY
ED Entered STN: 23 Nov 1989
CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
10-[(dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-, (4S)- (9CI) (CA INDEX
NAME)

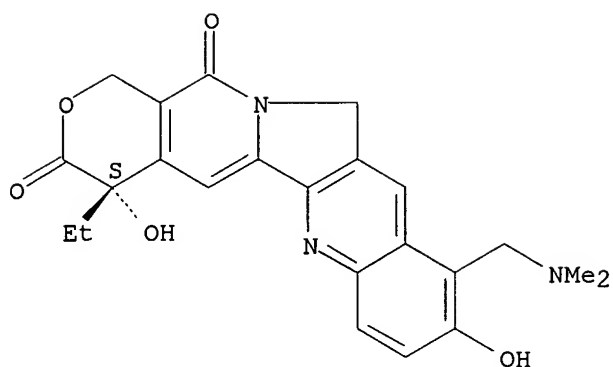
OTHER CA INDEX NAMES:

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
10-[(dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-, (S)-

OTHER NAMES:

CN 10-Hydroxy-9-[(dimethylamino)methyl]-(20S)-camptothecin
CN 9-(N,N-Dimethylaminomethyl)-10-hydroxycamptothecin
CN Hycamptamine
CN Hycamptin
CN NSC 609699
CN SKF 104864
CN SKF-S 104864
CN Topotecan
CN Topotecan lactone
FS STEREOSEARCH
DR 133242-28-1, 138121-88-7
MF C23 H23 N3 O5
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS,
BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS,
IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PATDPASPC, PHAR, PIRA,
PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2,
USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1460 REFERENCES IN FILE CA (1907 TO DATE)
 52 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1462 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 18 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **103816-16-6** REGISTRY

ED Entered STN: 18 Aug 1986

CN [1,4'-Bipiperidine]-1'-carboxylic acid, (4S)-4-ethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline, [1,4'-bipiperidine]-1'-carboxylic acid deriv.

CN [1,4'-Bipiperidine]-1'-carboxylic acid, 4-ethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester, (S)-

OTHER NAMES:

CN 10-[4-(1-Piperidino)-1-piperidinocarbonyloxy]camptothecin

FS STEREOSEARCH

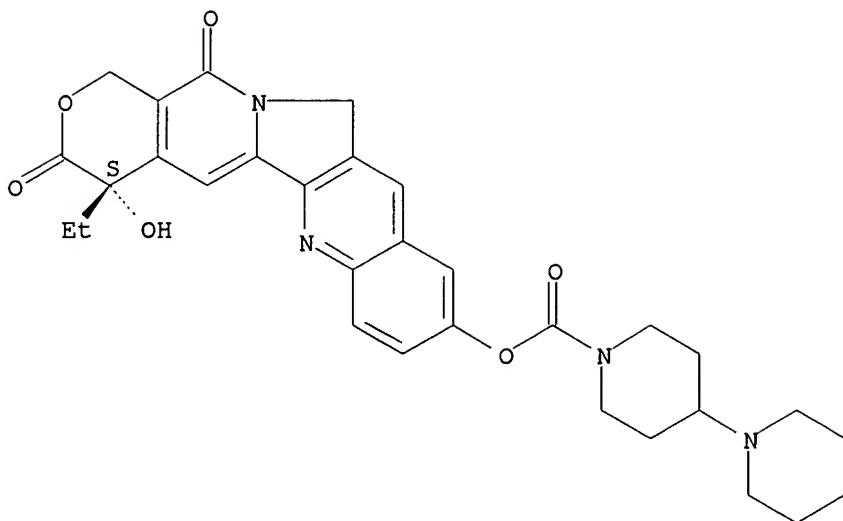
MF C31 H34 N4 O6

CI COM

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 19 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **100286-90-6** REGISTRY

ED Entered STN: 15 Feb 1986

CN [1,4'-Bipiperidine]-1'-carboxylic acid, (4S)-4,11-diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester, monohydrochloride. (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline, [1,4'-bipiperidine]-1'-carboxylic acid deriv.

CN [1,4'-Bipiperidine]-1'-carboxylic acid, 4,11-diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester, monohydrochloride, (S)-

OTHER NAMES:

CN 7-Ethyl-10-[[4-(1-piperidyl)-1-piperidyl]carbonyloxy]camptothecin hydrochloride

CN Campto

CN Camptothecin 11

CN Camptothecin 11 hydrochloride

CN CPT 11

CN Irinotecan hydrochloride

CN Topotecin

CN U 101440E

FS STEREOSEARCH

DR 111348-33-5

MF C33 H38 N4 O6 . Cl H

CI COM

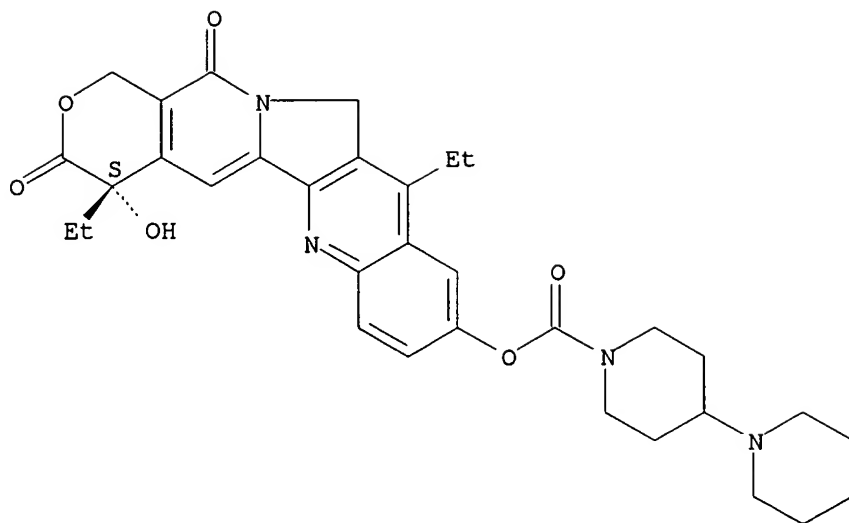
SR CA

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CBNB, CHEMCATS, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, IMSCSEARCH, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

CRN (97682-44-5)

Absolute stereochemistry. Rotation (+).



● HCl

766 REFERENCES IN FILE CA (1907 TO DATE)
 13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 769 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 20 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **88254-07-3** REGISTRY

ED Entered STN: 16 Nov 1984

CN 5,12-Naphthacenedione, 10-[[3-(3-cyano-4-morpholinyl)-2,3,6-trideoxy-
 α -L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-
 (hydroxyacetyl)-1-methoxy- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3'-Deamino-3'-(3-cyano-4-morpholinyl)adriamycin

CN 3'-Deamino-3'-(3-cyano-4-morpholinyl)doxorubicin

CN MRA-CN

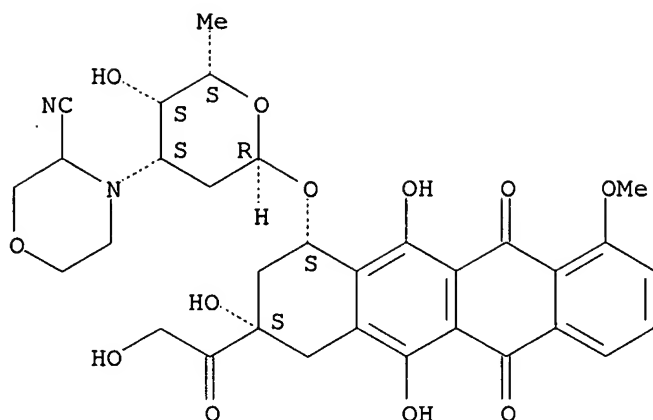
FS STEREOSEARCH

DR 94730-48-0, 114414-57-2, 142200-30-4, 160398-81-2

MF C32 H34 N2 O12

LC STN Files: ADISINSIGHT, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAPLUS, CASREACT, DDFU, DRUGU, EMBASE, IPA, MEDLINE, PROMT,
 PROUSDDR, RTECS*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

87 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 88 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 21 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **86639-52-3** REGISTRY

ED Entered STN: 16 Nov 1984

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4,11-diethyl-4,9-dihydroxy-, (4S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4,11-diethyl-4,9-dihydroxy-, (S)-

OTHER NAMES:

CN 10-Hydroxy-7-ethylcamptothecin

CN 7-Ethyl-10-hydroxy-20(S)-camptothecin

CN 7-Ethyl-10-hydroxycamptothecin

CN SN 38

CN SN 38 (pharmaceutical)

CN SN 38 lactone

FS STEREOSEARCH

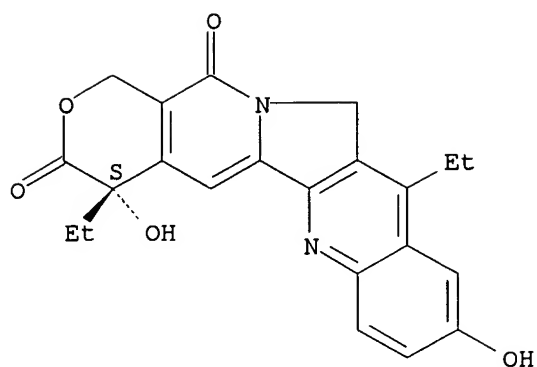
DR 113015-38-6

MF C22 H20 N2 O5

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CHEMCATS, CSCHEM, DDFU,
 DRUGU, EMBASE, IPA, MEDLINE, PS, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

767 REFERENCES IN FILE CA (1907 TO DATE)
 25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 769 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 22 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **80790-68-7** REGISTRY

ED Entered STN: 16 Nov 1984

CN 5,12-Naphthacenedione, 7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-10-[[2,3,6-trideoxy-3-(4-morpholinyl)-α-L-lyxo-hexopyranosyl]oxy]-, (8S,10S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 5,12-Naphthacenedione, 7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-10-[[2,3,6-trideoxy-3-(4-morpholinyl)-α-L-lyxo-hexopyranosyl]oxy]-, (8S-cis)-

OTHER NAMES:

CN 3'-Deamino-3'-(4-morpholinyl)adriamycin

CN 3'-Deamino-3'-(4-morpholinyl)doxorubicin

CN ADR 456

CN Morpholinodoxorubicin

CN MRA

FS STEREOSEARCH

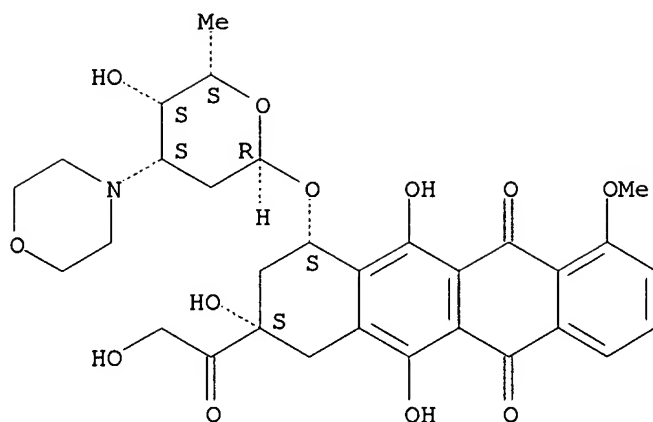
DR 142200-33-7

MF C31 H35 N O12

CI COM

LC STN Files: BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, DDFU, DRUGU, EMBASE, MEDLINE, PROUSDDR, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

86 REFERENCES IN FILE CA (1907 TO DATE)
 14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 86 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 23 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **60239-22-7** REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetic acid (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1,4,8,11-Tetraazacyclotetradecane-N,N',N'',N'''-tetraacetic acid

CN TETA

CN TETA (amino acid)

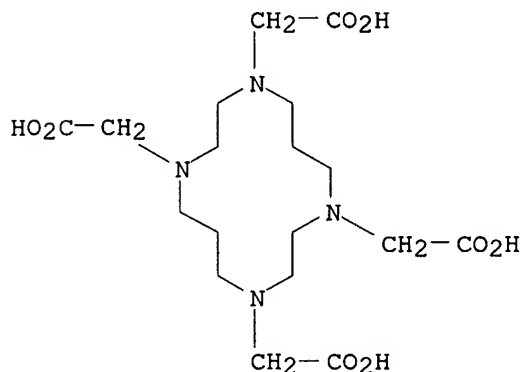
FS 3D CONCORD

MF C18 H32 N4 O8

CI COM

LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, GMELIN*, TOXCENTER, USPAT2, USPATFULL

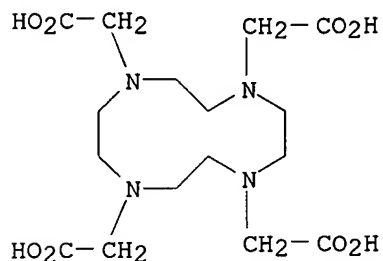
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

153 REFERENCES IN FILE CA (1907 TO DATE)
 83 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 154 REFERENCES IN FILE CAPLUS (1907 TO DATE)

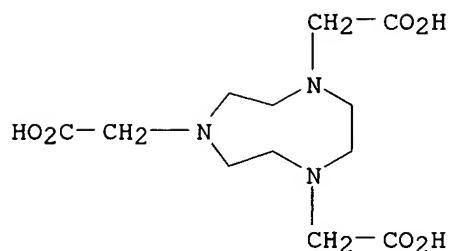
L27 ANSWER 24 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **60239-18-1** REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetic acid (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,4,7,10-Tetraazacyclododecane-N,N',N'',N'''-tetraacetic acid
 CN DOTA
 CN NSC 681107
 CN Tetraxetan
 FS 3D CONCORD
 DR 105416-43-1
 MF C16 H28 N4 O8
 CI COM
 LC STN Files: ADISNEWS, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMCATS, CIN, CSCHEM, EMBASE, GMELIN*, IPA, MEDLINE, PROMT, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

518 REFERENCES IN FILE CA (1907 TO DATE)
 322 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 521 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 25 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **56491-86-2** REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-1,4,7-Triazonine-1,4,7-triacetic acid, hexahydro- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,4,7-Triazacyclononane-1,4,7-triacetic acid
 CN 1,4,7-Triazacyclononane-N,N',N''-triacetic acid
 CN NOTA
 CN NSC 696860
 FS 3D CONCORD
 MF C12 H21 N3 O6
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CANCERLIT, CAPLUS, CASREACT, CIN, GMELIN*, MEDLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

108 REFERENCES IN FILE CA (1907 TO DATE)
 56 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 108 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 26 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **56420-45-2** REGISTRY

ED Entered STN: 16 Nov 1984

CN 5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy-α-L-arabino-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-, (8S,10S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy-α-L-arabino-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-, (8S-cis)-

OTHER NAMES:

CN 4'-epi-Adriamycin

CN 4'-epi-Doxorubicin

CN 4'-Epi-DX

CN 4'-Epiadriamycin

CN 4'-Epidoxorubicin

CN Epiadriamycin

CN Epidoxorubicin

CN Epirubicin

CN Farmarubicin

CN Farmarubicine

CN IMI 28

CN NSC 256942

CN Pharmarubicin

CN Pidorubicin

CN WP 697

FS STEREOSEARCH

DR 57918-25-9

MF C27 H29 N O11

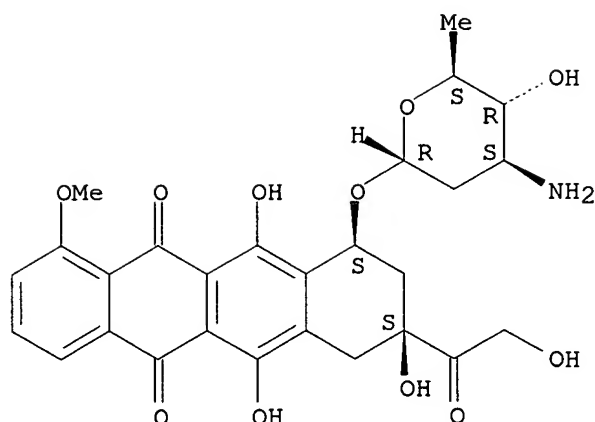
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CBNB, CHEMCATS, CIN, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: WHO

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2136 REFERENCES IN FILE CA (1907 TO DATE)
 87 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2142 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 27 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **30562-34-6** REGISTRY

ED Entered STN: 16 Nov 1984

CN Geldanamycin (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione,
 9,13-dihydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-, 9-carbamate
 (8CI)

CN 2-Azabicyclo[16.3.1]docosane, geldanamycin deriv.

OTHER NAMES:

CN 2-Azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione,
 9-[(aminocarbonyl)oxy]-13-hydroxy-8,14,19-trimethoxy-4,10,12,16-
 tetramethyl-, [8S-(4E,6Z,8R*,9R*,10E,12R*,13S*,14R*,16S*)]-

CN NSC 122750

CN NSC 212518

CN [8S-(4E,6Z,8R*,9R*,10E,12R*,13S*,14R*,16S*)]-9-[(Aminocarbonyl)oxy]-13-
 hydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-2-
 azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione

FS STEREOSEARCH

DR 150575-55-6, 31828-93-0

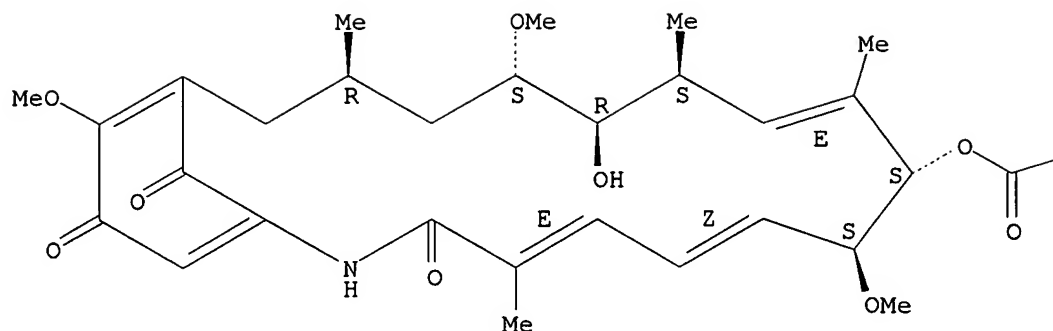
MF C29 H40 N2 O9

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN,
 CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
 NAPRALERT, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

Double bond geometry as described by E or Z.

—NH₂

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

480 REFERENCES IN FILE CA (1907 TO DATE)

49 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

484 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 28 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **23214-92-8** REGISTRY

ED Entered STN: 16 Nov 1984

CN 5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy-α-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-, (8S,10S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy-α-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-, (8S-cis)-

OTHER NAMES:

CN 14-Hydroxydaunomycin

CN Biotransdox

CN Caelyx

CN Doxil

CN Doxorubicin

CN Evacet

CN Hydroxydaunomycin

CN NSC 123127

CN PK 2

CN Rubex

FS STEREOSEARCH

DR 24385-08-8, 25311-50-6, 23257-17-2, 29042-30-6

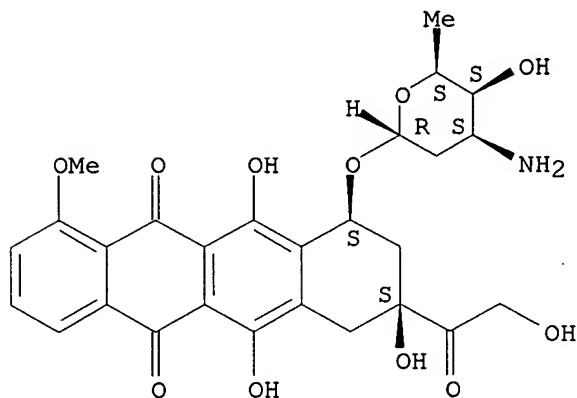
MF C27 H29 N O11

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSChem, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCoSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH,

TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

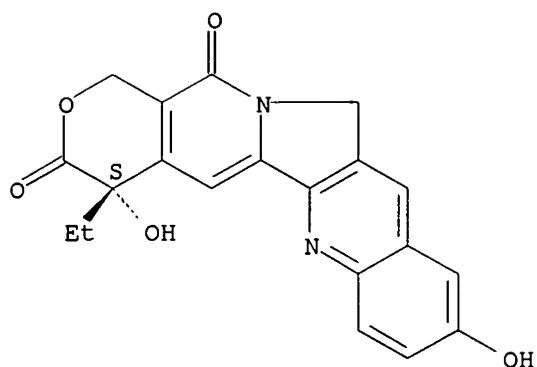


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15538 REFERENCES IN FILE CA (1907 TO DATE)
 1041 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 15566 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 29 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 19685-09-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4-ethyl-4,9-dihydroxy-, (4S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4-ethyl-4,9-dihydroxy-, (S)-
 CN Camptothecin, 10-hydroxy- (8CI)
 OTHER NAMES:
 CN (S)-10-Hydroxycamptothecin
 CN 10-Hydroxycamptothecin
 CN 10-Hydroxycamptothecin
 CN Hydroxycamptothecin
 CN NSC 107124
 FS STEREOSEARCH
 DR 104155-90-0, 157405-42-0
 MF C20 H16 N2 O5
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CSCHEM, IPA, NAPRALERT,
 PS, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

245 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 247 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 30 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN **9074-87-7** REGISTRY

ED Entered STN: 16 Nov 1984

CN Hydrolase, γ -glutamyl (9CI) (CA INDEX NAME)

OTHER NAMES:

CN γ -Glutamyl hydrolase
 CN Acetylaspartylglutamate dipeptidase
 CN Carboxypeptidase G
 CN Carboxypeptidase G 2
 CN Conjugase
 CN E.C. 3.4.12.10
 CN E.C. 3.4.17.11
 CN E.C. 3.4.17.21
 CN E.C. 3.4.19.9
 CN E.C. 3.4.22.12
 CN Folate conjugase
 CN Folate hydrolase
 CN Folic acid conjugase
 CN Folyl conjugase
 CN Folylpoly- γ -glutamate carboxypeptidase
 CN Folylpolyglutamate hydrolase
 CN Glucarpidase
 CN Glutamate carboxypeptidase
 CN Glutamate carboxypeptidase II
 CN Glutamyl carboxypeptidase
 CN N-Acetylated- α -linked acidic dipeptidase
 CN N-acetylated- α -linked-amino dipeptidase
 CN N-Pteroyl-L-glutamate hydrolase
 CN NAALADase
 CN Poly(γ -glutamic acid) endohydrolase
 CN Polyglutamate hydrolase
 CN Prostate-specific membrane antigen
 CN PSMA carboxypeptidase
 CN Pteroyl- γ -glutamyl carboxypeptidase
 CN Pteroylpoly- γ -glutamate hydrolase
 CN Pteroylpoly- γ -glutamyl hydrolase
 CN Pteroylpolygammaglutamyl hydrolase
 CN Pteroylpolyglutamate hydrolase
 CN Pteroylpolyglutamic acid hydrolase
 DR 55326-32-4, 61584-57-4, 37279-02-0, 111070-04-3
 MF Unspecified

CI MAN
LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, DDFU,
DRUGU, EMBASE, IMSDRUGNEWS, IMSRESEARCH, PROMT, TOXCENTER, USPAT2,
USPATFULL
Other Sources: EINECS**
(*Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

900 REFERENCES IN FILE CA (1907 TO DATE)
37 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
904 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 31 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 9016-18-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Esterase, carboxyl (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN α -Carboxylesterase
CN α -Esterase
CN β -Esterase
CN 1,4-Butanediol diacrylate esterase
CN 7-Amino-3-methoxy-3-cephem-4-carboxyl ester hydrolase
CN Aliesterase
CN Aminoacyl esterase
CN B-Esterase
CN Butyrate esterase
CN Butyryl esterase
CN Carbonic esterase
CN Carboxyesterase
CN Carboxyl ester hydrolase
CN Carboxyl ester lipase
CN Carboxyl esterase
CN Carboxylate esterase
CN Carboxylesterase
CN Carboxylesterase B
CN Carboxylesterase ES-1
CN Carboxylic acid esterase
CN Carboxylic ester hydrolase
CN Carboxylic esterase
CN Chirazyme E 1
CN Chirazyme E-2
CN Chirazyme E-3
CN Cinnamate esterase
CN Cinnamic acid esterase
CN Cinnamoyl ester hydrolase
CN Cinnamoyl esterase
CN E.C. 3.1.1.1
CN E.C. 3.1.1.12
CN Egasyn
CN Esterase
CN Esterase 29
CN Esterase EP10
CN Esterase, B-
CN Fatty acid ethyl ester hydrolase
CN Fluazifop-butyl esterase
CN Ketoprofen alkyl esterase
CN Ketoprofen choline esterase
CN Methyl farnesoate esterase
CN Methylbutyrase

CN Methylbutyrate esterase
CN Monobutyrase
CN Naproxen esterase
CN Neutral esterase
CN Nonspecific carboxylesterase
CN Paraben esterase
CN Phthalate ester hydrolase
CN Phthalate esterase

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 9025-97-2, 9027-84-3, 114514-18-0, 139074-54-7

MF Unspecified

CI MAN

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
CA, CABA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
CSCHEM, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PIRA, PROMT,
TOXCENTER, USPAT2, USPATFULL

Other Sources: EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4438 REFERENCES IN FILE CA (1907 TO DATE)

61 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4447 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L27 ANSWER 32 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 9001-03-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Dehydratase, carbonate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Anhydrase

CN Carbonate anhydrase

CN Carbonate dehydratase

CN Carbonic acid anhydrase

CN Carbonic anhydrase

CN Carboxyanhydrase

CN E.C. 4.2.1.1

DR 9044-52-4, 9052-41-9

MF Unspecified

CI MAN

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
CA, CABA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, TOXCENTER, USPAT2,
USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9742 REFERENCES IN FILE CA (1907 TO DATE)

318 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

9750 REFERENCES IN FILE CAPLUS (1907 TO DATE)

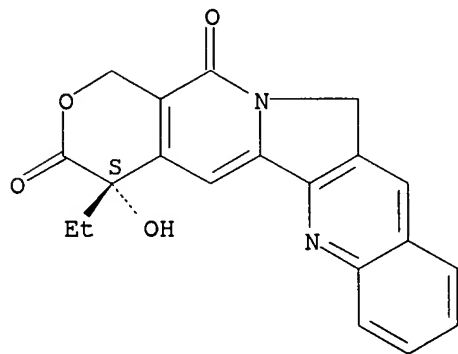
L27 ANSWER 33 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 7689-03-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4-ethyl-4-hydroxy-, (4S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione,
 4-ethyl-4-hydroxy-, (S)-
 CN Camptothecin (7CI)
 OTHER NAMES:
 CN (+)-Camptothecin
 CN (+)-Camptothecine
 CN (S)-Camptothecin
 CN 20(S)-Camptothecin
 CN 20(S)-Camptothecine
 CN Camptothecin
 CN d-Camptothecin
 CN MAG-CPT
 CN NSC 94600
 FS STEREOSEARCH
 DR 30628-51-4, 157405-40-8
 MF C20 H16 N2 O4
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA,
 PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

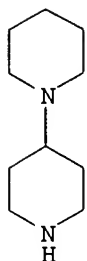


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3027 REFERENCES IN FILE CA (1907 TO DATE)
 450 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3034 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 34 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **4897-50-1** REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,4'-Bipiperidine (7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 4-(1-Piperidino)piperidine
 CN 4-(1-Piperidinyl)piperidine
 CN 4-Piperidinopiperidine
 CN [1,4']Bipiperidinyl
 FS 3D CONCORD
 MF C10 H20 N2

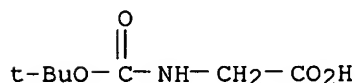
CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, PS,
 SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

359 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 360 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 35 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 4530-20-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Glycine, N-carboxy-, N-tert-butyl ester (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN (tert-Butoxycarbonyl)aminoacetic acid
 CN 2-(tert-Butoxycarbonylamino)acetic acid
 CN BOC-glycine
 CN N-(tert-Butoxycarbonyl)glycine
 CN N-BOC-glycine
 CN N-[(1,1-Dimethylethoxy)carbonyl]glycine
 CN N-[(tert-Butyloxy)carbonyl]glycine
 CN N α -tert-Butyloxycarbonylglycine
 CN NSC 127669
 CN tert-Butoxycarbonylglycine
 FS 3D CONCORD
 MF C7 H13 N O4
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 MSDS-OHS, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

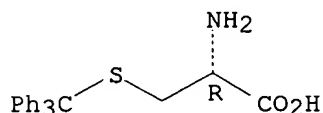


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3655 REFERENCES IN FILE CA (1907 TO DATE)
321 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3662 REFERENCES IN FILE CAPLUS (1907 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 36 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 2799-07-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN L-Cysteine, S-(triphenylmethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Alanine, 3-(tritylthio)-, L- (8CI)
OTHER NAMES:
CN 3-Tritylthio-L-alanine
CN NSC 83265
CN S-Triphenylmethyl-L-cysteine
CN S-Trityl-(R)-cysteine
CN S-Trityl-L-cysteine
CN S-Tritylcysteine
CN Tritylthioalanine
FS STEREOSEARCH
MF C22 H21 N O2 S
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMLIST, CSChem, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDb, IPA, MEDLINE,
RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

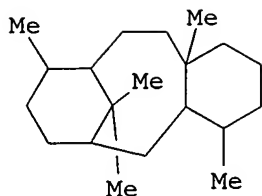
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

133 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
133 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 37 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
RN 1605-68-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 6,10-Methanobenzocyclodecene, tetradecahydro-4,9,12a,13,13-pentamethyl-,
(4R,4aR,6S,9R,10S,12aR)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 6,10-Methanobenzocyclodecene, tetradecahydro-4,9,12a,13,13-pentamethyl-,
[4R-(4α,4aβ,6α,9α,10α,12α)]-
CN Taxane (7CI, 8CI)
OTHER NAMES:
CN Taxan
MF C20 H36
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, CA, CANCERLIT,
CAOLD, CAPLUS, CBNB, CEN, CIN, MEDLINE, PIRA, PROMT, TOXCENTER, USPAT2,
USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

374 REFERENCES IN FILE CA (1907 TO DATE)
 180 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 375 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 38 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 1122-58-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN 4-Pyridinamine, N,N-dimethyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridine, 4-(dimethylamino)- (6CI, 7CI, 8CI)

OTHER NAMES:

CN γ -(Dimethylamino)pyridine

CN 4-(Dimethylamino)pyridine

CN DMAP

CN DMAP (catalyst)

CN N,N-Dimethyl-4-aminopyridine

CN N,N-Dimethyl-4-pyridinamine

CN p-Dimethylaminopyridine

FS 3D CONCORD

MF C7 H10 N2

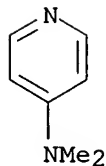
CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

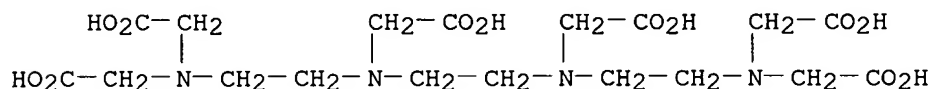
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3252 REFERENCES IN FILE CA (1907 TO DATE)
 95 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3269 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 39 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **869-52-3** REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 3,6,9,12-Tetraazatetradecanedioic acid, 3,6,9,12-tetrakis(carboxymethyl)-
 (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acetic acid, [ethylenebis[[(carboxymethyl)imino]ethylenenitrilo]]tetra-
 (6CI, 7CI)
 CN Glycine, N,N'-ethylenebis[N-[2-[bis(carboxymethyl)amino]ethyl]- (8CI)
 OTHER NAMES:
 CN (Triethylenetetraamino)hexaacetic acid
 CN Triethylenetetramine-N,N,N',N'',N''',N''''-hexaacetic acid
 CN Triethylenetetraminehexaacetic acid
 CN TTHA
 CN [Ethylenebis[[(carboxymethyl)imino]ethylenenitrilo]]tetraacetic acid
 FS 3D CONCORD
 DR 20261-67-0
 MF C18 H30 N4 O12
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU,
 DETHERM*, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 MSDS-OHS, NIOSHTIC, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

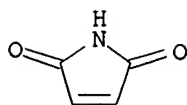


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

706 REFERENCES IN FILE CA (1907 TO DATE)
 193 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 707 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 40 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN **541-59-3** REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Pyrrole-2,5-dione (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Maleimide (6CI, 8CI)
 OTHER NAMES:
 CN 3-Pyrroline-2,5-dione
 CN Maleic imide
 CN NSC 13684
 CN Pyrrole-2,5-dione
 FS 3D CONCORD
 MF C4 H3 N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*,
 SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2215 REFERENCES IN FILE CA (1907 TO DATE)
839 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2216 REFERENCES IN FILE CAPLUS (1907 TO DATE)
33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 41 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 538-75-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Cyclohexanamine, N,N'-methanetetraylbis- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbodiimide, dicyclohexyl- (6CI, 7CI, 8CI)

OTHER NAMES:

CN 1,3-Dicyclohexylcarbodiimide

CN Bis(cyclohexyl)carbodiimide

CN DCC

CN DCCD

CN DCCI

CN Dicyclohexylcarbodiimide

CN N,N'-Dicyclohexylcarbodiimide

CN N,N'-Methanetetraylbis[cyclohexanamine]

CN NSC 30022

CN NSC 53373

CN NSC 57182

FS 3D CONCORD

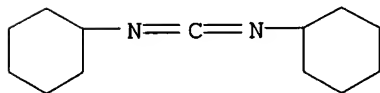
MF C13 H22 N2

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*,
HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3866 REFERENCES IN FILE CA (1907 TO DATE)
76 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3882 REFERENCES IN FILE CAPLUS (1907 TO DATE)
31 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 42 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 142-68-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2H-Pyran, tetrahydro- (8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pyran, tetrahydro- (3CI)
 OTHER NAMES:
 CN NSC 65448
 CN Oxacyclohexane
 CN Oxane
 CN Pentamethylene oxide
 CN Tetrahydro-2H-pyran
 CN Tetrahydropyran
 CN Tetrahydropyrane
 CN THP
 FS 3D CONCORD
 MF C5 H10 O
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CHEMSAFE, CIN, CSCHM, DETHERM*, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB,
 IFIPAT, IFIUDB, MRCK*, MSDS-OHS, PIRA, PROMT, SPECINFO, TOXCENTER,
 USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

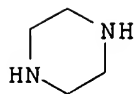


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1730 REFERENCES IN FILE CA (1907 TO DATE)
 133 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1731 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 26 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 43 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 110-85-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Piperazine (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,4-Diazacyclohexane
 CN 1,4-Piperazine
 CN Antiren
 CN Diethylenediamine
 CN Dispermine
 CN Eraverm
 CN Hexahydropyrazine
 CN Lumbrical
 CN NSC 474
 CN Piperazidine
 CN Pipersol
 CN Pyrazine hexahydride
 CN Pyrazine, hexahydro-

CN Uvilon
 CN Vermex
 CN Worm-A-Ton
 CN Wurmirazin
 FS 3D CONCORD
 DR 854880-15-2, 8017-90-1, 8027-81-4, 81546-15-8
 MF C4 H10 N2
 CI COM, RPS
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
 PDLCOM*, PIRA, PROMT, PS, RTECS*, SCISEARCH, SPECINFO, SYNTHLINE,
 TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8390 REFERENCES IN FILE CA (1907 TO DATE)
 999 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8412 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 102 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 44 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 109-99-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN Furan, tetrahydro- (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Butane α,δ -oxide
 CN Butane, 1,4-epoxy-
 CN Cyclotetramethylene oxide
 CN Furanidine
 CN NSC 57858
 CN Oxacyclopentane
 CN Oxolane
 CN Tetrahydrofuran
 CN Tetramethylene oxide
 CN THF
 FS 3D CONCORD
 DR 77392-70-2
 MF C4 H8 O
 CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
 ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT,
 RTECS*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT,
 USPAT2, USPATFULL, VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23379 REFERENCES IN FILE CA (1907 TO DATE)
 831 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 23430 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 45 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 77-77-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Ethene, 1,1'-sulfonylbis- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Vinyl sulfone (6CI, 8CI)

OTHER NAMES:

CN Bis(ethenyl)sulfone

CN Divinyl sulfone

CN Ethenylsulfonylethene

CN NSC 133793

CN NSC 18590

CN NSC 57304

FS 3D CONCORD

MF C4 H6 O2 S

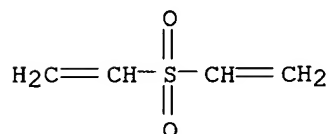
CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DETHERM*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

761 REFERENCES IN FILE CA (1907 TO DATE)
 89 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 762 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 46 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 67-43-6 REGISTRY

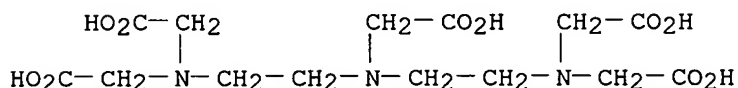
ED Entered STN: 16 Nov 1984

CN Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]- (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1,1,4,7,7-Diethylenetriaminepentaacetic acid

CN 3,6,9-Triazaundecanedioic acid, 3,6,9-tris(carboxymethyl)-
 CN Acetic acid, 2,2',2'',2'''-[[(carboxymethyl)imino]bis(2,1-ethanediyl)nitri-
 CN Chel 330 acid
 CN Chel DTPA
 CN Clewat DA
 CN Complexon V
 CN Dabeersen 503
 CN Detapac
 CN Detarex
 CN DETP
 CN DETPA
 CN Diethylenetriamine-N,N,N',N'',N'''-pentaacetic acid
 CN Diethylenetriaminepentaacetic acid
 CN Dissolvine D
 CN DPTA
 CN DTPA
 CN Hamp-Ex Acid
 CN Monaquest CAI
 CN N,N-Bis[2-[bis(carboxymethyl)amino]ethyl]glycine
 CN NSC 7340
 CN Pentacarboxymethyl diethylenetriamine
 CN Pentetic acid
 CN Titriplex V
 CN [[(Carboxymethyl)imino]bis(ethylenenitrilo)]tetraacetic acid
 FS 3D CONCORD
 DR 782415-12-7, 803683-39-8, 573987-64-1, 13407-13-1, 6889-50-5, 7575-40-8,
 25737-54-6, 84932-15-0, 49758-21-6
 MF C14 H23 N3 O10
 CI COM
 SR CA
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*,
 HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
 PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

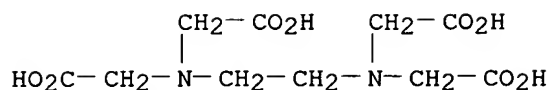


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6219 REFERENCES IN FILE CA (1907 TO DATE)
 1977 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6226 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 47 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 60-00-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acetic acid, (ethylenedinitrilo)tetra- (8CI)
 OTHER NAMES:
 CN 3,6-Diazaoctanedioic acid, 3,6-bis(carboxymethyl)-

CN 62: PN: US20050026181 PAGE: 33 claimed sequence
 CN Acetic acid, 2,2',2'',2'''-(1,2-ethanediyldinitrilo)tetrakis-
 CN Acroma DH 700
 CN Celon A
 CN Celon ATH
 CN Cheelox
 CN Chelest 3A
 CN Chemcolox 340
 CN Clewat TAA
 CN Complexon II
 CN Dissolvine E
 CN Dissolvine Z
 CN Edathamil
 CN Edetic acid
 CN EDTA
 CN EDTA (chelating agent)
 CN Endrate
 CN Ethylenediamine-N,N,N',N'-tetraacetic acid
 CN Ethylenediaminetetraacetic acid
 CN Ethylenedinitrilotetraacetic acid
 CN Gluma Cleanser
 CN Havidote
 CN ICRF 185
 CN Metaquest A
 CN N,N'-1,2-Ethanediyyl-bis-N-(carboxymethyl)glycine
 CN Nervanaid B acid
 CN NSC 97243
 CN NSC 97404
 CN Nullapon B acid
 CN Nullapon BF acid
 CN Perma Kleer 50 acid
 CN Quastal Special
 CN Sequestrene AA
 CN Sequestric acid
 CN Sequestrol
 CN Techrun DO
 CN Titriplex
 CN Titriplex II
 CN Trilon BS
 CN Trilon BW
 CN Versene
 CN YD 30
 CN Zonon AO
 FS 3D CONCORD
 DR 13440-78-3, 20539-27-9, 94108-75-5, 26627-46-3, 30485-87-1, 30485-88-2,
 30485-90-6, 32757-10-1, 161122-33-4, 402925-67-1, 675141-16-9
 MF C10 H16 N2 O8
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB,
 IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, PROUSDDR,
 PS, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL,
 VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

28398 REFERENCES IN FILE CA (1907 TO DATE)
 3821 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 28451 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 18 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L27 ANSWER 48 OF 48 REGISTRY COPYRIGHT 2006 ACS on STN

RN 56-87-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN L-Lysine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Lysine, L- (8CI)

OTHER NAMES:

CN (+)-S-Lysine

CN (S)- α , ϵ -Diaminocaproic acid

CN (S)-2,6-Diaminohexanoic acid

CN (S)-Lysine

CN α -Lysine

CN 2,6-Diaminohexanoic acid

CN Aminutrin

CN h-Lys-oh

CN Hexanoic acid, 2,6-diamino-, (S)-

CN L-(+)-Lysine

CN L-2,6-Diaminocaproic acid

CN L-Lys

CN L-Norleucine, 6-amino-

CN Lysine

CN Lysine acid

CN Malandil

FS STEREOSEARCH

DR 6899-06-5, 48050-57-3, 280114-50-3

MF C6 H14 N2 O2

CI COM

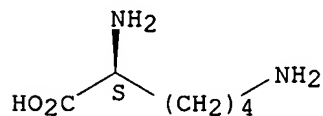
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

46711 REFERENCES IN FILE CA (1907 TO DATE)

1779 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
46748 REFERENCES IN FILE CAPLUS (1907 TO DATE)
7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	92.96	148.72

FILE 'CAPLUS' ENTERED AT 12:19:11 ON 03 JAN 2006
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FILE LAST UPDATED: 2 Jan 2006 (20060102/ED)

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<http://www.cas.org/infopolicy.html>

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(FILE 'HOME' ENTERED AT 12:02:56 ON 03 JAN 2006)

FILE 'PCTFULL' ENTERED AT 12:03:09 ON 03 JAN 2006

L1 1335 S ESTERAS? (S) CLEAV?
L2 435 S L1 (S) LINK?
L3 912 S CD22
L4 588 S (CPT () 11) OR (SN () 38)
L5 34 S L4 AND L3
L6 8 S L5 AND L2
L7 1 S L6 NOT PY>2002
L8 20 S L2 AND L3
L9 6 S L8 NOT PY>2002
L10 2 S L9 NOT PY>2001
L11 14 S L2 AND L4
L12 2 S L11 NOT PY>2002
L13 84196 S ANTIBOD?
L14 361 S L13 AND L2
L15 37630 S TETRAHYDOPYRAN OR TETRHYDROFURAN OR THP OR THF
L16 11310 S MALEIMI?
L17 1845 S L16 AND L15
L18 40 S L17 AND L14
L19 22 S L18 NOT PY>2002
L20 93014 S CANCER? OR TUMOR? OR NEOPLAS?
L21 20 S L19 AND L20
L22 17 S L21 NOT PY>2001
L23 66507 S CONJUGATE? OR IMMUNOCONJUGATE?
L24 15 S L23 AND L22

L25 19 S L19 NOT PY>2000

FILE 'CAPLUS' ENTERED AT 12:16:10 ON 03 JAN 2006
L26 1 S WO 2004054622/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 12:16:38 ON 03 JAN 2006
L27 48 S E1-E48

FILE 'CAPLUS' ENTERED AT 12:19:11 ON 03 JAN 2006

=> s 127
L28 174017 L27

=> s 128 and 12
35401 ESTERAS?
253864 CLEAV?
441865 LINK?
21 L1 (S) LINK?
L29 4 L28 AND L2

=> d ibib 1-4

L29 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:371376 CAPLUS
DOCUMENT NUMBER: 142:423896
TITLE: Cell-binding agent-maytansinoid conjugates linked via
a noncleavable linker, preparation methods, and
methods using them for targeting specific cell
populations
INVENTOR(S): Steeves, Rita; Lutz, Robert; Chari, Ravi; Xie,
Hongsheng; Kovtun, Yelena
PATENT ASSIGNEE(S): Immunogen, Inc., USA
SOURCE: PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005037992	A2	20050428	WO 2004-US30917	20041012
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005169933	A1	20050804	US 2004-960602	20041008
PRIORITY APPLN. INFO.:			US 2003-509901P	P 20031010
			US 2004-960602	A 20041008
OTHER SOURCE(S):	MARPAT 142:423896			

L29 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:220125 CAPLUS
DOCUMENT NUMBER: 142:291352
TITLE: Cobalamin conjugates with antitumor drugs, their

INVENTOR(S): preparation, and their use in antitumor therapy
Weinshenker, Ned M.; West, Frederick G.; Araneo,
Barbara A.; Li, Weiping
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 41 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005054607	A1	20050310	US 2003-659501	20030910
WO 2005025512	A2	20050324	WO 2004-US29879	20040910
WO 2005025512	A3	20050728		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-659501 A 20030910

L29 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:531392 CAPLUS

DOCUMENT NUMBER: 141:87783

TITLE: Anti-tumor antigen antibodies moiety conjugated with
chemotherapeutic moiety linked by intracellularly-
cleavable linkage for targeting and treating cancer

INVENTOR(S): Govindan, V. Serengulam

PATENT ASSIGNEE(S): Immunomedics, Inc., USA; Mccall, John Douglas

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004054622	A1	20040701	WO 2003-GB5454	20031215

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2508831	AA	20040701	CA 2003-2508831	20031215
US 2004185053	A1	20040923	US 2003-734589	20031215
EP 1572242	A1	20050914	EP 2003-780388	20031215

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: US 2002-433017P P 20021213

WO 2003-GB5454 W 20031215
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:809845 CAPLUS

DOCUMENT NUMBER: 128:101159

TITLE: Antitumoric phenolic acid sugar ester enzymic
manufacture

INVENTOR(S): Massuda, Kazuaki; Hagiwara, Toshihiko; Ishikaki,
Eishi; Kaneko, Hiroaki; Kikuta, Keitaro; Aoki, Hitoshi

PATENT ASSIGNEE(S): Nichirei Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 09322794	A2	19971216	JP 1997-43960	19970227
PRIORITY APPLN. INFO.:			JP 1996-40097	A 19960227